

# ***CHESTERTON***

**H I G H   S C H O O L**

## **COURSE DESCRIPTION GUIDE**

**24**



**25**

COVER DESIGNED BY  
**ELSA ESTRIDGE**  
CLASS OF 2025





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# CHESTERTON

## HIGH SCHOOL

### INSPIRE | ENGAGE | EMPOWER

Chesterton High School is dedicated to quality education for all students and is committed to developing lifelong learners who will value themselves and others, contribute to their community, and achieve individual success in an ever-changing world.



### OUR SCHOOL

Chesterton Senior High School is a four year comprehensive public school located about 50 miles southeast of Chicago in Chesterton, Indiana. Chesterton has a population of 13,000 and is situated at the very southern tip of Lake Michigan. CHS is part of the Duneland School Corporation, which includes five elementary schools (K-4), two intermediate schools (5-6), one middle school (7-8), and one high school (9-12). CHS is accredited by Cognia, is an Indiana Gold Star Counseling Award recipient, an ASCA Ramp school, and an International Baccalaureate (IB) school. 28% of our students are enrolled in the federal Free/Reduced Lunch program.

CHS is structured using a block schedule. Block scheduling provides each student with seven, 90-minute periods and one 90-minute resource block over two days.

### GRADUATION REQUIREMENTS

All course offerings with full descriptions can be found at [www.duneland.k12.in.us/chscourses](http://www.duneland.k12.in.us/chscourses) under "CHS Course Descriptions." Indiana requires 40 credits for graduation and 47 credits for the Academic Honors Diploma. Students enrolled in the IB program must complete the full IB Diploma. Minimum graduation requirements include...

8 CREDITS ENGLISH	MATH 6 CREDITS	6 CREDITS SCIENCE	SOCIAL STUDIES 6 CREDITS	2 CREDITS PHYSICAL EDUCATION	HEALTH 1 CREDIT	1 CREDIT TECHNOLOGY	ELECTIVES
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### CLASS RANK/GPA

Both class rank and GPA are weighted. Honors points are given in Honors, GT, AP, and IB courses. The highest GPA in the senior class is currently a 4.82. GPA is calculated using the non-weighted/weighted scale below.

A+ 4.33/5.33	C+ 2.33/3.33	F 0.00
A 4.00/5.00	C 2.00/3.00	I Incomplete
A- 3.67/4.67	C- 1.67/2.67	AU Audit
B+ 3.33/4.33	D+ 1.33	P Pass
B 3.00/4.00	D 1.00	W Withdrawn
B- 2.67/3.67	D- 0.67	WF With/Fail

### SCHOOL COUNSELORS

MRS. TUZDAE BARTOW  
[tbartow@duneland.k12.in.us](mailto:tbartow@duneland.k12.in.us) | School Counselor A-CI

MRS. GRETCHEN ARTHUR Counseling Office Co-Chair  
[garthur@duneland.k12.in.us](mailto:garthur@duneland.k12.in.us) | School Counselor Co-Gr

MRS. AMY SNYDER  
[asnyder@duneland.k12.in.us](mailto:asnyder@duneland.k12.in.us) | School Counselor Gu-La

MR. JAMES MOORE  
[jmoore@duneland.k12.in.us](mailto:jmoore@duneland.k12.in.us) | School Counselor Lb-Pap

MS. JOHANNA HESS Counseling Office Co-Chair  
[jhess@duneland.k12.in.us](mailto:jhess@duneland.k12.in.us) | School Counselor Par-So

MRS. JULIE ROYTAN  
[jroytan@duneland.k12.in.us](mailto:jroytan@duneland.k12.in.us) | School Counselor Sp-Z

### GRADUATION RATE

2022-2023   98.0%	2020-2021   93.0%
2021-2022   95.0%	2019-2020   93.0%

### CHESTERTON HIGH SCHOOL | AT A GLANCE

2005  
STUDENTS

54%  
PURSUE  
POST-SECONDARY  
EDUCATION

114  
FACULTY

### CLASS OF 2024

06.05.24  
GRADUATION DATE

503  
STUDENTS

14  
IB CANDIDATES

CONTACT US | 2125 S 11TH STREET, CHESTERTON, IN 46304 | 219-983-3730 | [WWW.DUNELAND.K12.IN.US/CHS](http://WWW.DUNELAND.K12.IN.US/CHS) | CEEB CODE: 150500



## DUAL CREDIT

Dual Credit is an opportunity for high school students to earn college credit at the same time they are earning high school credit. It is a great way to get a head start on college.

Taking Dual Credit classes in high school also saves students and their families money with the credits being much cheaper, if not free, while in high school.

- 1 year worth of college credits while at CHS would cost between \$0 and \$750
- 1 year worth of college credits while on a 2-4 year in-state college campus averages between \$7,000 and \$11,000

College credits earned through Dual Credit programs at CHS are widely accepted at colleges and universities across the country. CHS currently has Dual Credit partnerships with Ivy Tech Community College, Purdue University Northwest, Indiana University Northwest, Ball State University, and Indiana Southern University.

The high school and college credit are separate from one another, meaning:

- If a student drops his/her college credit, he/she may still be enrolled in the high school course.
- The grading systems may be different - most Dual Credit programs require a grade of "C" or better.
- The records for the course work are separate.
- The college credit is recorded on a college/university transcript and the high school credit is on the high school transcript. Both transcripts should be reported to colleges/universities.
- Registration, course drop, withdrawal, and payment dates must be met by deadlines set forth by each college or university.



**DISCLAIMER** | PLEASE NOTE THAT ALL DUAL CREDIT COURSES AT CHS ARE SUBJECT TO CHANGE PENDING STUDENT REGISTRATION WITH THE UNIVERSITY AND/OR TEACHER ACCREDITATION

## DUAL CREDIT COURSES OFFERED AT CHESTERTON HIGH SCHOOL

### BUSINESS & INFORMATION TECHNOLOGY

Accounting Fundamentals  
Advanced Accounting  
Digital Marketing  
Marketing Fundamentals  
Personal Financial Responsibility  
Principles of Business Management  
Audio & Visual Production Essentials  
Mass Media Production  
Radio & TV Broadcasting Capstone

### ENGLISH

Advanced Composition  
Advanced Speech & Communication  
Rhetoric & Argument  
World Literature 1  
World Literature 2

### FAMILY & CONSUMER SCIENCES

Nutrition  
Principles of Culinary and Hospitality

### INDUSTRIAL TECHNOLOGY

Advanced Precision Machining  
Introduction to Engineering and Design  
Precision Machining Fundamentals  
Principles of Engineering  
Principles of Precision Machining

### MATHEMATICS

AP Calculus AB  
AP Precalculus  
College Algebra Honors  
Finite Mathematics  
Finite Mathematics Honors  
Pre-Calculus: Algebra  
Pre-Calculus: Trigonometry  
Pre-Calculus: Trigonometry Honors  
Quantitative Reasoning

### SCIENCE

Anatomy & Physiology  
AP Biology  
AP Chemistry  
Chemistry 2  
Earth & Space Science 1

### SOCIAL STUDIES

AP Macroeconomics  
AP Microeconomics  
AP Psychology  
AP United States History  
United States Government Honors  
United States History  
United States History Honors

### WORLD LANGUAGE

French 3, 4, 5  
German 3, 4, 5  
Japanese 4, 5  
Spanish 3, 4, 5

# ADVANCED COURSES

CHS offers 19 Honors classes and 23 AP courses

## ENGLISH

English Honors (9-10), AP Literature, AP Language & Composition

## INFORMATION TECHNOLOGY

AP Computer Science Principles, AP Computer Science A

## MATHEMATICS

Algebra I Honors, Geometry Honors, College Algebra Honors, AP Precalculus, AP Statistics, Finite Mathematics Honors, Pre-Calculus: Trigonometry Honors, AP Calculus AB, AP Calculus BC

## SCIENCE

Biology I Honors, AP Biology, Chemistry I Honors, AP Chemistry, AP Physics I, AP Physics II, AP Physics C, AP Environmental Science

## SOCIAL STUDIES

AP Human Geography, AP European History, US History Honors, AP US History, AP World History Modern, US Government Honors, AP Macroeconomics, AP Microeconomics, AP Psychology

## VISUAL ARTS

AP Art History

## WORLD LANGUAGE

French, German, Japanese, Spanish (Levels 4 & 5), AP Spanish Language & Culture

# PROGRAM COURSES INTERNATIONAL BACCALAUREATE

## GROUP 1 - LANGUAGE A

IB Language A: Literature HL

## GROUP 2 - LANGUAGE B

IB World Language B SL  
French, German, Japanese & Spanish

## GROUP 3 - INDIVIDUALS & SOCIETIES

IB History HL  
IB Philosophy SL

## GROUP 4 - SCIENCE

IB Biology SL & HL  
IB Environmental Systems & Societies SL

## GROUP 5 - MATHEMATICS

IB Mathematics: Applications & Interpretations SL

## GROUP 6 - FINE ARTS

IB Visual Art SL & HL  
IB Film SL & HL

## OTHER COMPONENTS

Theory of Knowledge  
Creativity Action & Service (CAS)  
Extended Essay



AP TESTING DATA

# TESTING DATA

## ACT

YEAR	COMPOSITE	ENGLISH	MATH
2022	25.9	25.2	25.5
2021	25.5	24.7	25.7
2020	24.7	23.9	24.2

## SAT

YEAR	EBRW	MATH
2023	520	508
2022	518	516
2021	586	577

## NATIONAL MERIT

	2024	2023	2022
SEMI-FINALISTS	4	3	3
COMMENDED	2	3	4
FINALISTS	TBD	3	3

\*Indiana requires all Juniors to take the SAT starting in Spring 2022

## COLLEGES/UNIVERSITIES ENROLLING 1 OR MORE CHS STUDENTS IN 1 OF THE PAST 4 YEARS

Albion College  
Alma College  
Ancilla College  
Anderson University  
Aquinas College  
Arizona State University  
Augustana College  
Aurora University  
Ball State University  
Belmont University  
Benedict College  
Benedictine University  
Bethel University  
Bradley University  
Brigham Young University-Idaho  
Brigham Young University-Provo  
Butler University  
Carthage College  
Case Western Reserve University  
Central Michigan University  
Central Texas College  
Clark Atlanta University  
Clark University  
Clemson University  
College of the Canyons  
College of DuPage  
Colorado State University  
Columbia College-Chicago  
Concordia University-Chicago  
Cooper Union  
Cornell College  
Cornell University  
Denison University  
DePaul University  
DePaul University  
Doshisha University-Kyotababe  
Embry-Riddle Aeronautical University

Ferris State University  
Fisk University  
Florida Atlantic University  
Florida Gulf Coast University  
Franklin College  
George Washington University  
Georgia Gwinnett College  
Gordon College  
Goshen College  
Grace College  
Grand Valley State University  
Hillsdale College  
Hope College  
Huntington University  
Illinois Institute of Technology  
Illinois State University  
Indiana Institute of Technology  
Indiana State University  
Indiana University-Purdue University  
of Indianapolis  
Indiana University  
Indiana University Northwest  
Indiana Wesleyan University  
Iowa Central Community College  
Iowa State University  
Ithaca College  
Ivy Tech Community College  
Kentucky Wesleyan College  
Lake Forest College  
Lake Superior State University  
Lee University  
Lewis University  
Liberty University  
Lourdes University  
Loyola University-Chicago  
Loyola University-New Orleans  
Manchester University

Marquette University  
Massachusetts Institute of Technology  
McGill University  
Miami University-Oxford  
Marian University (IN)  
Marian University (WI)  
Millikin University  
Milwaukee School of Engineering  
Morris College  
Mount St. Joseph University  
Mount Vernon Nazarene University  
Northwestern University  
Northwestern University  
Oakland University  
Ohio Dominican University  
Ohio Northern University  
Ohio University  
Olivet Nazarene University  
Penn State University  
Point Loma Nazarene University  
Purdue University  
Purdue University Fort Wayne  
Purdue University Northwest  
Ringling College of Art & Design  
Rose-Hulman Institute of Technology  
Saint Ambrose University  
Saint Mary-of-the-Woods College  
Saint Mary's College (IN)  
Saint Xavier University  
San Diego State University  
Savannah College of Art & Design  
School of the Art Institute of Chicago  
Southern New Hampshire University  
Spring Arbor University  
SUNY Oneonta  
Syracuse University  
Taylor University

Trevecca Nazarene University  
Trine University  
United States Naval Academy  
University of Alabama  
University of Arizona  
University of Cincinnati  
University of Colorado  
University of Dayton  
University of Evansville  
University of Findlay  
University of Idaho  
University of Illinois at Chicago  
University of Indianapolis  
University of Iowa  
University of Kansas  
University of Kentucky  
University of Louisville  
University of Michigan  
University of Missouri-St. Louis  
University of New Haven  
University of Northwestern Ohio  
University of Notre Dame  
University of Oregon  
University of Pennsylvania  
University of Saint Francis (IN)  
University of Southern Indiana  
University of Tampa  
University of Toronto  
University of Utah  
University of Wisconsin-Madison  
University of Wyoming  
Valparaiso University  
Vincennes University  
Wabash College  
Wesleyan University  
Westmont College  
Western Michigan University  
Xavier University



# Graduation Pathways

Students must meet at least one competency in each of the 3 areas in order to be eligible for an Indiana Diploma.



## **HIGH SCHOOL DIPLOMA**

Meet the State of Indiana requirements for a high school diploma

*See Requirements on Page 5*



## **EMPLOYABILITY SKILLS**

Must complete one of the following:

- Project-Based Learning
- Service-Based Learning
- Work-Based Learning

*More information on Page 6*



## **POSTSECONDARY-READY COMPETENCIES**

Must complete one of the following:

- Honors Diploma
- ACT
- SAT
- ASVAB
- State & Industry-Recognized Credential or Certification
- Career-Technical Education Concentrator
- AP/Dual Credit courses or College Level Examination

Program (CLEP) Exams

*More information on Page 6*



Scan the QR Code for a copy of our Graduation Pathways Form!

# 1

# Diploma Requirements

## INDIANA CORE 40 EXPECTATIONS:

The completion of the Core 40 is an Indiana graduation requirement. The Core 40 is a directed set of high school courses that will help prepare students for success in college or in the workforce. Students must complete the Core 40 to be considered for admission to Indiana's four-year colleges, and the same courses are strongly recommended for admission to a two-year college or entry into the workforce. Students must also meet the requirements of Graduation Pathways outlined on Page 4 in the Course Description Guide.

### To graduate with less than Core 40, the following formal opt-out process must be completed:

- The student, the student's parent/guardian, and the school counselor must meet to discuss the student's progress.
- The student's Graduation Plan is reviewed.
- The student's parent/guardian determines whether the student will achieve greater educational benefits by completing the general curriculum or the Core 40 curriculum.
- If the decision is made to opt-out of Core 40, the parent/guardian and counselor will sign a **Diploma Track Change Form**. The form will be kept on file in the Counseling Office.

	GENERAL DIPLOMA 40 CREDITS	CORE 40 40 CREDITS	ACADEMIC HONORS 47 CREDITS	TECHNICAL HONORS 47 CREDITS
<b>ENGLISH</b>	8 CREDITS	8 CREDITS	8 CREDITS	8 CREDITS
<b>MATH</b>	6 CREDITS  2 Credits: Algebra 1 4 Credits: Any math course above Algebra 1 but lesser than Core 40 Math <i>Two Credits in Math or Quantitative Reasoning** MUST be taken in the junior or senior year</i>	6 CREDITS (taken in grades 9-12)  2 Credits: Algebra 1 2 Credits: Geometry 2 Credits: Algebra 2 or College Algebra 2 Credits: Pre-Calculus, AP Calculus AB AP Calculus BC, AP Statistics, IB Math, Quantitative Reasoning, and Finite	8 CREDITS (taken in grades 9-12)  2 Credits: Algebra 1 2 Credits: Geometry 2 Credits: Algebra 2 or College Algebra 2 Credits: Pre-Calculus, AP Calculus AB AP Calculus BC, AP Statistics, IB Math, Quantitative Reasoning, and Finite	8 CREDITS  2 Credits: Algebra 1 2 Credits: Geometry 2 Credits: Algebra 2 or College Algebra <i>All students must complete a senior year math or Quantitative Reasoning Course**</i>
<b>SCIENCE</b>	6 CREDITS  2 Credits: Biology 1 4 Credits: Any Science course above Biology 1	6 CREDITS  2 Credits: Biology 1 2 Credits: Chemistry 1, Physics 1, or Integrated Chemistry-Physics 2 Credits: Any other Core 40 Science	6 CREDITS  2 Credits: Biology 1 2 Credits: Chemistry 1, Physics 1, or Integrated Chemistry-Physics 2 Credits: Additional credits in Chemistry, Physics, Earth & Space Science, Environmental Science, AP Sciences, IB Sciences, or PLTW Biomed/Human Body Systems	6 CREDITS  2 Credits: Biology 1 2 Credits: Chemistry 1, Physics 1, or Integrated Chemistry-Physics 2 Credits: Additional credits in Chemistry, Physics, Earth & Space Science, Environmental Science, AP Sciences, IB Sciences, or PLTW Biomed/Human Body Systems
<b>SOCIAL STUDIES</b>	6 CREDITS  2 Credits: World History & Civilization or Geography & History of the World 2 Credits: U.S. History 1 Credit: U.S. Government 1 Credit: Economics	6 CREDITS  2 Credits: World History & Civilization or Geography & History of the World 2 Credits: U.S. History 1 Credit: U.S. Government 1 Credit: Economics, Microeconomics, or Macroeconomics	6 CREDITS  2 Credits: World History & Civilization or Geography & History of the World 2 Credits: U.S. History 1 Credit: U.S. Government 1 Credit: Economics, Microeconomics, or Macroeconomics	6 CREDITS  2 Credits: World History & Civilization or Geography & History of the World 2 Credits: U.S. History 1 Credit: U.S. Government 1 Credit: Economics, Microeconomics, or Macroeconomics
<b>PHYS. ED.</b>	2 CREDITS	2 CREDITS	2 CREDITS	2 CREDITS
<b>HEALTH</b>	1 CREDIT	1 CREDIT	1 CREDIT	1 CREDIT
<b>ELECTIVES</b>	11 CREDITS	11 CREDITS	10-12 CREDITS	9 CREDITS
<b>OTHER SUBJECTS</b>			WORLD LANGUAGE 6-8 CREDITS 6 Credits in one language or 4 Credits each in two languages  FINE ARTS 2 CREDITS Visual, Music, Theatre, Student Media Gr. 11-12	COLLEGE/CAREER PREP 6 CREDITS 6 Credits in a state-approved College/Career Pathway and receive either an industry recognized certification/credential or earn pathway dual credits resulting in 6 transcripted college credits.
<b>ADDITIONAL REQUIREMENTS</b>			COMPLETE ONE OF THE FOLLOWING:  1. Earn 4 credits in 2 or more AP courses and take the corresponding exams 2. Earn 6 verifiable transcripted college credits in dual credit courses from the approved dual credit list 3. Earn two of the following: -A minimum of 3 verifiable dual credits -2 credits in AP courses with exams -2 credits in IB courses with exams 4. Earn an ACT composite score of 26 or higher and complete writing section 5. Earn a SAT composite score of 1250 or higher and a minimum of 560 on math and 590 on EBRW 6. Earn 4 credits in IB courses and take the corresponding exams	COMPLETE ONE OF THE FOLLOWING:  1. Any one of the options (1-6) of the Core 40 with Academic Honors. 2. Earn the following scores or higher on the WorkKeys (version 2.0): Workplace Documents (Level 6: Scale Score Min. 84); Applied Math (Level 6: Scale Score Min. 83); Graphic Literacy (Level 5: Scale Score Min. 78) 3. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75 4. Earn the following minimum score(s) on Compass: Algebra 66, Writing 70, Reading 80

Students obtaining an Academic Honors Diploma or Technical Honors Diploma must have a grade point average of "B" (3.0) or better. Students must also earn a C- or greater in courses that count toward an Academic Honors Diploma or Technical Honors Diploma. Eight (8) math credits must be taken at the high school in order to earn either diploma.

\*\*Students with an Individualized Education Plan (IEP) are only required to meet state minimum standards.

**\*\*Quantitative Reasoning Courses:** Advanced Accounting, Biology AP, Calculus AB AP, Calculus BC AP, Chemistry 1 & 2, Chemistry AP, Civil Engineering & Architecture, Computer Integrated Manufacturing, Computer Science: Cybersecurity, Computer Science A AP, Computer Science Principles AP, Construction Tech: HVAC 2, Construction Trades 2, Diesel Services 2, Economics, Electronics & Computer Technology 2, Environmental Science AP, IB Biology HL, Integrated Chemistry-Physics, Landscape Management 1 & 2, Macroeconomics AP, Mechanical Drafting & Design 2, Microeconomics AP, Personal Finance, Physics 1, Physics 1 AP, Physics 2 AP, Physics C AP, Precision Machining 1 or 2, Principles of Engineering, Robotics & Design Innovation

# 2

# Employability Skills

Students must complete at least one of the following:

## PROJECT-BASED LEARNING

May include...

- Computer Science - Special Topics
- IB Extended Essay
- PLTW Civil Engineering & Architecture
- Trailbound - Topics in History

## SERVICE-BASED LEARNING

Co- & Extra-Curriculars  
(CHS Band, Choir, Orchestra, Sport, Club, Speech/Debate or Club)  
Community Service


## WORK-BASED LEARNING

Governor's Work Ethic Certification  
Outside Employment  
Approved Course  
(CHS Course, PCCTE Course, School-based Enterprise, Registered Apprenticeship, Internship)

# Post-Secondary Competencies

# 3

Students must complete at least one of the following:

<b>HONORS DIPLOMA</b>	Academic Honors Diploma or Technical Honors Diploma
<b>ACT</b>	ACT College Ready Benchmarks 18 in English or 22 in Math AND 22 in Reading or 23 in Science
<b>SAT</b>	SAT College Ready Benchmarks 480 in EBRW and 530 in Math
<b>ASVAB</b>	Minimum AFQT score of 31
<b>STATE &amp; INDUSTRY RECOGNIZED CREDENTIAL OR CERTIFICATION</b>	 <p>Visit the Indiana Department of Education's website for an updated list of State and Industry Recognized Credentials and Certifications.</p>
<b>CAREER-TECHNICAL EDUCATION CONCENTRATOR</b>	CTE Course Concentrators Must earn "C" average or higher in Required NLPS Concentrator Courses in a state-approved CTE Pathway (Principles, Concentrator A, & Concentrator B). <i>More info on page 7</i>
<b>AP/IB/DUAL CREDIT COURSES</b>	Must earn "C" average in at least three credits (at least one in core content area) A score of 3 or higher on an AP exam will satisfy "C" grade requirement
<b>COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) EXAMS</b>	Minimum score of 50 on at least 3 subject area exams (at least one in core content area)
<b>LOCALLY CREATED PATHWAY</b>	Must be approved by the State Board of Education





# Career Pathways

Each pathway contains a four course sequence that progresses from general to specific within a chosen field. This provides the flexibility to offer programs of study at Chesterton High School or at the Porter County Career Center.

## PRINCIPLES COURSE

Sets the foundation for a career pathway as students learn content that is often applicable to multiple, closely related programs of study.

## CONCENTRATOR COURSES

Core occupational skills needed for particular occupations are acquired. Industry recognized certifications are integrated into these courses and students are able to obtain CTE concentrator status after completion of both courses.

## CAPSTONE COURSE

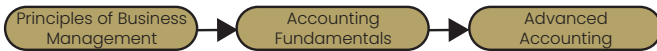
Students could have time built into their schedule for work-based learning opportunities, such as internships, clinicals, or on-the-job training.

Students must obtain a "C" average or higher in the Principles Course and both Concentrator Courses in order for it to count towards Graduation Pathways (Bucket 3: Post-Secondary Competencies).

CHESTERTON HIGH SCHOOL WILL OFFER THE FOLLOWING CAREER PATHWAYS DURING THE 2024-25 SCHOOL YEAR.

### BUSINESS

#### ACCOUNTING



#### BUSINESS ADMINISTRATION



#### MARKETING & SALES



#### ENTREPRENEURSHIP



### INFORMATION TECHNOLOGY

#### COMPUTER SCIENCE



#### CYBERSECURITY



#### RADIO & TV BROADCASTING

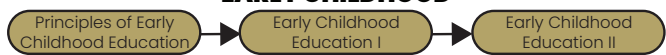


### FAMILY & CONSUMER SCIENCE

#### EDUCATION CAREERS



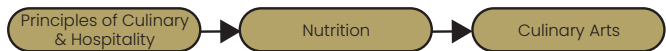
#### EARLY CHILDHOOD



#### HUMAN SERVICES



#### CULINARY

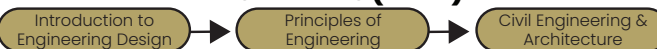


#### INTERIOR DESIGN

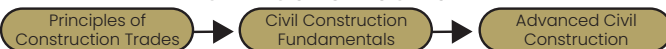


### INDUSTRIAL TECHNOLOGY

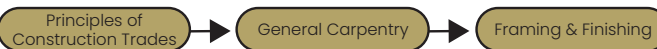
#### ENGINEERING (PLTW)



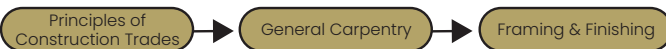
#### CIVIL CONSTRUCTION



#### CONSTRUCTION TRADES A



#### CONSTRUCTION TRADES B



#### PRECISION MACHINING



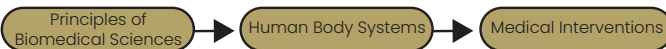
### HEALTH & PHYSICAL EDUCATION

#### EXERCISE SCIENCE



### PLTW SCIENCE

#### BIOMEDICAL SCIENCE



### SERVICE & CAREER

#### CRIMINAL JUSTICE



THE ABOVE GRAPHIC DOES NOT INCLUDE THE CAPSTONE COURSE. COMPLETE CAREER PATHWAY COURSE REQUIREMENTS ARE LISTED AT THE BEGINNING OF EACH DEPARTMENT IN THE COURSE DESCRIPTION GUIDE.



# Student Recognition

## TOP 5%

Chesterton High School recognizes those graduating in the top five percent of the class based on 7th semester standing. Those who rank in the top five percent of the class will be recognized alphabetically during commencement exercises.

## ACADEMIC SCHOLAR AWARD

Chesterton High School recognizes students who attain high standards of achievement at Academic Recognition Night in the spring. Students are recognized based on the following GPA standards:

- Freshman (Based on cumulative GPA of 3.96 or above at the end of one semester)
- Sophomore (Based on cumulative GPA of 3.91 or above at the end of three semesters)
- Junior (Based on cumulative GPA of 3.86 or above at the end of five semesters)
- Senior (Based on cumulative GPA of 3.81 or above at the end of seven semesters)

## HONOR ROLL

Students who excel each nine weeks are recognized by being named to the Honor Roll and Principal's Honor Roll. Any D or F will automatically exclude students from recognition.

- Principal's Honor Roll is 4.0 GPA on 9 weeks' grade.
- High Honor Roll is 3.5-3.9999 GPA on 9 weeks' grade
- Honor Roll is 3.0-3.499 GPA on 9 weeks' grade.

## HONORS POINT

The honors point is given for courses that are listed as Honors, GT, IB and AP.

# Grade Point Average

For letter grades received, the following points are awarded (for grade point average purposes, a year course is composed of two semester courses):

Semester Courses:

### POINT VALUES:

A+ = 4.33	A = 4.00	A- = 3.67	B+ = 3.33	B = 3.00	B- = 2.67
C+ = 2.33	C = 2.00	C- = 1.67	D+ = 1.33	D = 1.00	D- = .67

### HONORS POINT VALUES:

A+ = 5.33	A = 5.00	A- = 4.67	B+ = 4.33	B = 4.00	B- = 3.67
C+ = 3.33	C = 3.00	C- = 2.67	D+ = 1.33	D = 1.00	D- = .67

The total of these points is divided by the number of courses taken to produce a grade point average. Class rank is determined by listing the students in order by grade point average.

# Scholastic Eligibility Requirements

## FOR CO-CURRICULAR & EXTRA-CURRICULAR PARTICIPATION

1. To be eligible scholastically, students must have received passing grades at the end of their last grading period in school in at least five (5) full credit subjects or the equivalent and must be currently enrolled in at least five (5) full credit subjects or the equivalent. Semester grades take precedence.

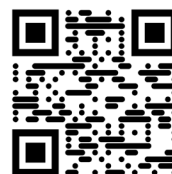
*NOTE: A full credit subject requires a minimum total of 250 minutes of instruction per week for one (1) semester.*

2. Students attending State approved vocational or special education schools may transfer such grades and credits earned to their home school for the purpose of establishing eligibility. A subject for which credit has previously been granted may not, if repeated, be counted to satisfy this rule. Students who are ineligible scholastically at the end of a grading period or semester, are ineligible for the following grading period.
3. An incomplete or conditional grade at the end of a grading period or semester counts as a failure until deficiency has been removed, providing such is removed before the end of the following grading period or summer, whichever comes first.
4. Any senior graduating mid-year may participate in the following school activities only: prom, senior banquet and graduation.

# NAIA & NCAA Eligibility

## NAIA ELIGIBILITY INFORMATION

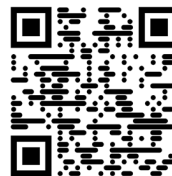
Athletes who plan to play collegiate level sports are encouraged to register with the NAIA Eligibility Center. PlayNAIA.org helps future student-athletes discover and connect with NAIA schools, coaches, and athletic scholarships. The NAIA includes around 250 colleges and universities throughout the United States and Canada.



## NCAA ELIGIBILITY INFORMATION

College-bound student-athletes preparing to enroll in Division I or Division II schools need to register with the NCAA Eligibility Center to ensure they have met amateurism standards and are academically prepared for college coursework.

To view a current list of NCAA courses offered at Chesterton High School, you can search by our CEEB/ACT Code (150500) on the NCAA High School Portal. Please note that some new CHS courses may still be going through the NCAA approval process and may not be listed.



### LEGAL DISCLAIMER:

The list of NCAA courses, and courses contained within, are maintained as a guide for prospective student-athletes seeking NCAA initial-eligibility. The list of approved courses does not, nor is intended to, signify accreditation, certification, approval or endorsement of any high school or specific courses by the NCAA or NCAA Eligibility Center and is subject to change at any time and without notice. Core course information included is provided for guidance purposes only and should not be solely relied on as an indication of NCAA initial-eligibility. Certification of a prospective student-athlete is case-specific, and the Eligibility Center has the authority to determine in its sole discretion whether the prospective student-athlete has met all criteria.

#### Unweighted Grade Quality Points

Honors (H) and Advanced Placement (A)  
A = 4    B = 3    C = 2    D = 1

#### Weighted Grade Quality Points

Honors (H) and Advanced Placement (A)  
A = 5    B = 4    C = 3    D = 2

NCAA legislation permits a student to receive credit for a core course only one time. As a result, if a student repeats a core course, the student will only receive credit once for the core course, and the highest grade earned in the course will be included in the calculation of the student's core course grade point average. Likewise, if a student completes a course that is duplicative in content with another core course, the student will only receive credit for one of the duplicative courses, and the course with the highest grade earned will be included in the calculation of the student's core course grade point average.



# Academic Planning

## PLANNING YOUR SCHEDULE

The Course Description Guide, also available online, contains a wealth of information for the scheduling process. Whether your plans for life after high school involve work, apprenticeship, military, technical college, two-year or four-year college; your choices are important. Please take the time to plan, learn, and explore your interests and formulate a map to reach your goals.

**Your schedule is a full-year commitment so courses must be chosen carefully. Your counselor will meet with you to finalize your choices.**

## TEACHER RECOMMENDATIONS

Teacher recommendations are an important part of the scheduling process. These recommendations are data-driven and based on multiple factors. When making recommendations for courses across the curriculum, teachers utilize PSAT subscores from the most recent assessment available, student self-interest, current course grade, learning mindset, grade point average, and teacher observations. Teachers and school counselors take the recommendation process seriously, but it is only a guide. Any student who wishes to challenge themselves and elects to take a course next school year they were not recommended for initially, may make a request to their school counselor to place them in the course they wish to take. Exceptions will include courses where the student has not met the required prerequisite.

# Individual Student Advisement Plan

## ALL STUDENTS

- Must satisfy the Indiana Department of Education (IDOE) graduation requirements.
- Will have the opportunity to meet with their school counselor to discuss future goals and schedules each year.
- Have access to a computer program that contains an interest inventory, skills checklist, occupational information, a post-secondary school search, financial aid information, and scholarship search. This program, Naviance, is a web-based program and is available to students at school as well as at home.
- Are encouraged to become familiar with the College and Career Center and the available information and services.

## PARENTS

Parental participation is strongly encouraged at every step in the process. Evening parent sessions will be planned throughout the school year. These sessions will be advertised through school announcements, social media, and parent communication calls and emails. School counselors are available to parents seeking information via phone calls, emails, or scheduled appointments.

### GRADE 8

Students will meet with a high school counselor to discuss the transition from middle school to high school.

### GRADE 9

All 9th grade students will take the PSAT 8/9 in October. Freshman students will work with their school counselor to discuss career and post-secondary goals as well as to update their 4-year plan and create an appropriate sophomore year schedule.

### GRADE 10

All sophomore students will take the Preliminary SAT (PSAT/NMSQT) in October. Sophomore students will work with their school counselor to discuss career and post-secondary goals as well as to update their 4-year plan and create an appropriate junior year schedule. Students will have the opportunity to view a CTE video, meet with counselors from the Porter County Career Center as well as visit the local CTE programs.

### GRADE 11

Junior students and families will be invited to an individual conference to work with their school counselor to discuss career and post-secondary goals as well as to update their 4-year plan and create an appropriate senior year schedule. Students will have opportunities to visit and enroll in CTE programs. All juniors will take the PSAT/NMSQT in October. An SAT test will be given to all juniors in March. Junior students are encouraged to meet with college representatives who visit CHS as well as to begin taking college visits.

### GRADE 12

All senior students will have individual sessions with their school counselor to discuss completion of academic requirements for graduation, post-secondary plans, and the steps they need to take to progress to their post-graduation goals. Senior students are encouraged to take college visits and meet with college representatives who visit CHS. A Financial Aid night will be held annually. This is an opportunity to hear a presentation on the FAFSA, other forms of financial aid, gather loan information, and talk to a local college financial aid officer.

# CHESTERTON HIGH SCHOOL

## FOUR-YEAR PLAN

SUMMER SCHOOL							
SESSION 1				SESSION 2			
	POTENTIAL CREDITS	MY COURSE SELECTION	CREDITS		POTENTIAL CREDITS	MY COURSE SELECTION	CREDITS
1	Physical Education		1.0	1	Physical Education		1.0

GRADE 9							
SEMESTER 1				SEMESTER 2			
	REQUIRED COURSES	MY COURSE SELECTIONS	CREDITS		REQUIRED COURSES	MY COURSE SELECTIONS	CREDITS
1	English 9		1.0	1	English 9		1.0
2	Math		1.0	2	Math		1.0
3	Science		1.0	3	Science		1.0
4	Social Studies		1.0	4	Social Studies		1.0
5	Physical Education		1.0	5	Physical Education		1.0
ADDITIONAL COURSES				ADDITIONAL COURSES			
6	Elective		1.0	6	Elective		1.0
7	Elective		1.0	7	Elective		1.0

SUMMER SCHOOL							
SESSION 1				OR	SESSION 2		
	POTENTIAL CREDITS	MY COURSE SELECTION	CREDITS		POTENTIAL CREDITS	MY COURSE SELECTION	CREDITS
1	Health		1.0	1	Health		1.0

GRADE 10							
SEMESTER 1				SEMESTER 2			
	REQUIRED COURSES	MY COURSE SELECTIONS	CREDITS		REQUIRED COURSES	MY COURSE SELECTIONS	CREDITS
1	English 10		1.0	1	English 10		1.0
2	Math		1.0	2	Math		1.0
3	Science		1.0	3	Science		1.0
4	Health		1.0	ADDITIONAL COURSES			
ADDITIONAL COURSES				4			1.0
5			1.0	5			1.0
6			1.0	6			1.0
7			1.0	7			1.0

SUMMER SCHOOL							
SESSION 1				SESSION 2			
	POTENTIAL CREDITS	MY COURSE SELECTIONS	CREDITS		POTENTIAL CREDITS	MY COURSE SELECTIONS	CREDITS
1	United States History		1.0	1	United States History		1.0
2	Environmental Science		1.0	2	Environmental Science		1.0

GRADE 11							
SEMESTER 1				SEMESTER 2			
	REQUIRED COURSES	MY COURSE SELECTIONS	CREDITS		REQUIRED COURSES	MY COURSE SELECTIONS	CREDITS
1	English 11		1.0	1	English 11		1.0
2	Math		1.0	2	Math		1.0
3	Science		1.0	3	Science		1.0
4	US History		1.0	4	US History		1.0
ADDITIONAL COURSES				ADDITIONAL COURSES			
5			1.0	5			1.0
6			1.0	6			1.0
7			1.0	7			1.0

SUMMER SCHOOL							
SESSION 1				SESSION 2			
	POTENTIAL CREDITS	MY COURSE SELECTION	CREDITS		POTENTIAL CREDITS	MY COURSE SELECTION	CREDITS
1	US Government		1.0	1	Economics		1.0

GRADE 12							
SEMESTER 1				SEMESTER 2			
	REQUIRED COURSES	MY COURSE SELECTIONS	CREDITS		REQUIRED COURSES	MY COURSE SELECTIONS	CREDITS
1	English 12		1.0	1	English 12		1.0
2	Math		1.0	2	Math		1.0
3	US Government		1.0	3	Economics		1.0
ADDITIONAL COURSES				ADDITIONAL COURSES			
4			1.0	4			1.0
5			1.0	5			1.0
6			1.0	6			1.0
7			1.0	7			1.0





# Schedule Change Policy

It is the school's position that schedule changes after the school year begins disrupt instructional time. Since staffing and the master schedule are determined by student course selection, students are expected to honor the commitment they make when selecting courses and the spring deadline for making schedule changes. There are, however, circumstances that warrant a schedule change. Schedule change requests prior to school starting must meet at least one of the following criteria:

## **CRITERIA FOR SCHEDULE CHANGES PRIOR TO THE START OF SCHOOL:**

1. Failure to meet course prerequisites
2. Failure to meet graduation requirements
3. Change in college or career plan or to increase the rigor of your coursework
4. Course changes due to completion of summer school
5. Inappropriate level placement
6. Students earning a failing grade from the teacher the previous year
7. Incomplete schedule – not enough classes listed on schedule
8. Medical reason with documentation
9. An error in computer entry made by CHS

## **CRITERIA FOR SCHEDULE CHANGES AFTER THE START OF SCHOOL:**

1. Extenuating circumstances, such as hardship or extended illness
2. Changes in a course level are considered. The student, teacher, or parent may initiate this discussion for a course level change. All three must have a conversation and come to agreement on the appropriate placement.
3. Course level changes must be completed as soon as possible in the semester.
4. Courses may not be changed or added after the second week of school.
5. Requests for teacher changes will not be honored.

# Withdrawal/Level Down Policy

## **WITHDRAW**

Drop requests will not be considered until the completion of the 27th day of the 1st or 3rd quarter for any **ACADEMIC COURSE** (English, Math, Science, Social Studies, World Language).

Drop requests for year-long **ELECTIVE COURSES** will not be considered until the completion of the first semester. Semester-long Elective Courses cannot be dropped.

Students may withdraw from an Academic Course and replace it with credit recovery or a study hall after completion of this form and parent/teacher/counselor communication. Students may withdraw from a year-long elective course and replace it with a credit recovery block after completion of this form and parent/teacher/counselor communication. Students will work on a graduation pathway eligible course in credit recovery during second semester. Year-long electives may NOT be dropped and replaced for another elective course.

If the student is failing the course a WDF will be noted on the transcript, which will be calculated into a student's grade point average. A passing grade will result in a WD on the transcript which has no GPA impact.

## **LEVEL DOWN**

Students are encouraged to take the most rigorous course that is commensurate with their ability level. At times, level changes need to be made. Level changes will only be considered at the end of a grading period after completion of this form and parent/teacher communication. Course grades earned before leveling down will calculate into the student's semester grade.

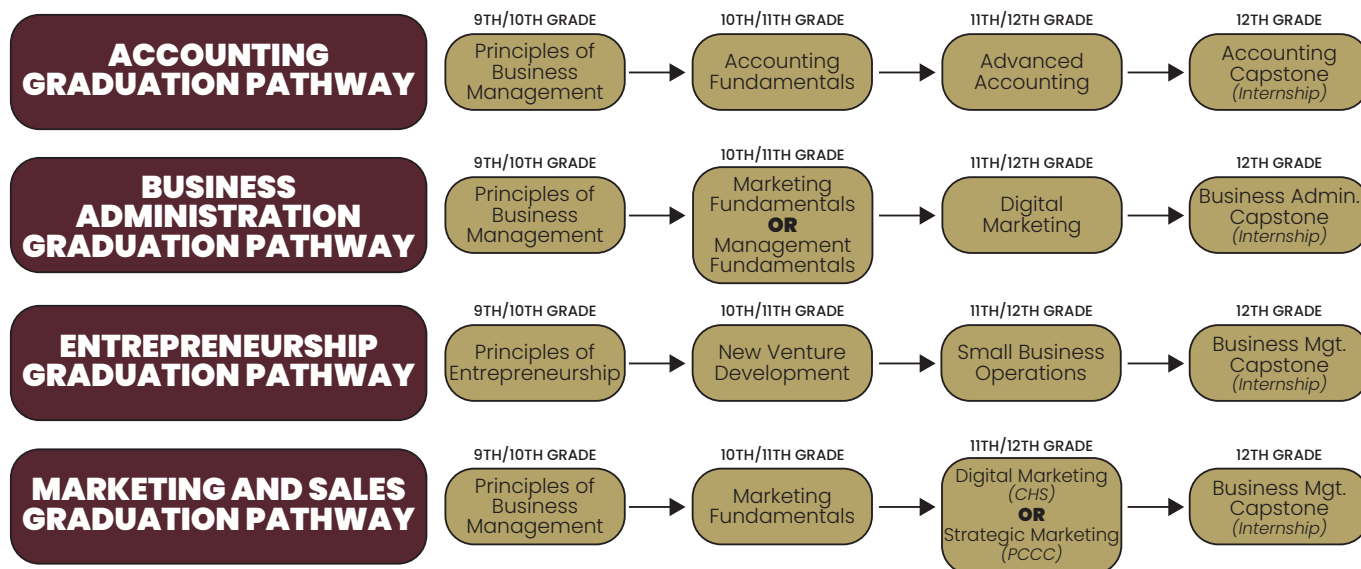
*\*Administrative discretion or error, medical diagnosis, or placement change may constitute exceptions to this policy.*

*\*Level changes are contingent upon availability.*

**PLEASE NOTE THAT A STUDENT'S REQUEST MAY NOT BE GRANTED.**

# Business & Information Technology

## Business Career Pathways CTE Concentrators



### PRINCIPLES OF BUSINESS MANAGEMENT

9 10 11 12

IDOE #4562 (PRIN BUS)

**Year/2.0 Credits****This course can be taken for Dual Credit.**

**Content:** This is a great class for students thinking about a business major in college, but includes plenty of useful information for any student to help them become a productive adult. The second most popular college major is business, in Indiana and nationwide. This course provides students with an overview of accounting, marketing, entrepreneurship, economics, communications and law. Get acquainted with other business courses/majors with this introductory business class. This course is highly recommended as an exploratory business course.

**Activities:** Chapter exercises, workbook, discussion, lecture, Internet, computer, and group activities.

**Out-of-Class Time Required:** Typically most work can be completed in class with little or no homework, unless the student is absent. One hour per week for some units is possible at times, however.

**Evaluation:** Projects, tests, participation, quizzes, class work.

**B4562**

### ACCOUNTING FUNDAMENTALS

10 11 12

IDOE #4524 (ACCT FUND)

**Year/2.0 Credits****This course can be taken for Dual Credit.**

**Content:** The favorite college major in recent years is accounting! Find out why it's fast becoming one of the most glamorous career fields. This course is a "must have" for any student interested in a career in business or planning on owning a business. If you can add and subtract, you can handle accounting. Learn how to calculate payroll deductions and maintain and balance a checkbook; apply basic accounting principles to different kinds of corporations; use the computer to keep accounts for several businesses; and learn how Excel spreadsheets are used to calculate depreciation, maintain stock and investment accounts, and understand how petty cash and change funds work. The learning style will vary (reading, talking, watching, and hands-on) and the majority of the work is done online, so if you like working on the Internet, you will enjoy learning Accounting.

**Activities:** Book and online activities, problems using Microsoft Excel, computerized activities using accounting forms.

**Out-of-Class Time Required:** Limited unless absent.

**Evaluation:** Objective tests, daily work, and participation

**B4524**

### ADVANCED ACCOUNTING

11 12

IDOE #4522 (ADV ACC)

**Year/2.0 Credits****This course can be taken for Dual Credit.**

**Prerequisites:** Accounting Fundamentals

**Content:** Explore the real world of financial services through this advanced, second-year course of accounting and receive three college credits--free. Continue this interactive discovery through the use of automated accounting, Excel, and the Internet. Find out how sports teams, soft drink companies,

**B4522**

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024-2025

cosmetic firms and others analyze financial statements to make decisions. Learn about horizontal and vertical financial analysis. Advance your accounting knowledge to include corporate earnings, stocks, and dividends. Evaluate cost data and management efficiency through ratio analysis. If you liked Accounting, you'll love this advanced interactive course. All course work is done in the lab with instructor supervision.

Activities: Book and workbook exercises, computer simulations and projects, Excel, and games.

Out-of-Class Time Required: Limited unless absent.

Evaluation: Objective tests, daily work, and participation.

## MANAGEMENT FUNDAMENTALS

10 11 12

IDOE #7143 (MGMT FUND)

**B7143**

**Year/2.0 Credits**

Prerequisite: Principles of Business Management

Content: Management Fundamentals describes the functions of managers, including the management of activities and personnel. Describes the judicial system and the nature and sources of law affecting business. Studies contracts, sales contracts with emphasis on Uniform Commercial Code Applications, remedies for breach of contract and tort liabilities. Examines legal aspects of property ownership, structures of business ownership, and agency relationships. Management Fundamentals allows students to gain a deeper understanding of the concepts studied in Principles of Business Management. They will further study management, as well as its functions and activities. They will further expand their knowledge of the law as it applies to business, such contract law, property ownership, and how businesses are structured and created. Current court cases and world events will be utilized to allow students to apply knowledge to real world situations.

Activities: Contract writing, mock trials, property and lease agreement development, business organization incorporation, personnel management system development

Out-of-Class Time Required: One to three hours per week.

Evaluation: Tests and quizzes, classroom and homework assignments, and projects.

## PRINCIPLES OF ENTREPRENEURSHIP

9 10 11 12

IDOE #7154 (PRIN ENTR)

**B7154**

**Year/2.0 Credits**

Content: Principles of Entrepreneurship focuses on students learning about their own strengths, character and skills and how their unique abilities can apply to entrepreneurship, as well as how an entrepreneurial mindset can serve them regardless of their career path. Students will learn about the local, regional and state resources and will begin to understand and apply the entrepreneurial process. The course helps students to identify and evaluate business ideas while learning the steps and competencies required to launch a successful new venture. The course helps students apply what they have learned from the content when they write a Personal Vision Statement, a Business Concept Statement, and an Elevator Pitch.

Activities: There will be projects in which skills learned in class can be applied in order to work on creating a small business.

Out-of-Class Time Required: One to three hours per week. There may be some projects that will require more time after school than a normal week.

Evaluation: Students will be graded on essays, tests and projects.

## NEW VENTURE DEVELOPMENT

10 11 12

IDOE #7148 (NEW VENT)

**B7148**

**Year/2.0 Credits**

Prerequisite: Principles of Entrepreneurship

Content: New Venture Development is targeted to students interested in creating and growing their own businesses. The course will focus on key marketing strategies particularly relevant for new ventures. Students will apply marketing concepts to entrepreneurial company challenges, which include creating and nurturing relationships with new customers, suppliers, distributors, employees and investors; and understand the special challenges and opportunities involved in developing marketing strategies "from the ground up."

Activities: There will be projects in which skills learned in class can be applied in order to work on creating a small business.

Out-of-Class Time Required: One to three hours per week. There may be some projects that will require more time after school than a normal week.

Evaluation: Students will be graded on essays, tests and projects.

## SMALL BUSINESS OPERATION

10 11 12

IDOE #7147 (SM BUS OPER)

**B7147**

**Year/2.0 Credits**

Prerequisite: Principles of Entrepreneurship

Content: Small Business Operations will help students identify and evaluate the various sources available for funding a new enterprise; demonstrate an understanding of financial terminology; read, prepare, and analyze basic financial statements; estimating capital requirements and risk, exit strategies; and prepare a budget for their business, including taxes and personnel costs. In addition, the student should be able to explain the importance of working capital and cash management. The student should also be able to identify financing needs, and prepare sales forecasts.

Activities: There will be projects in which skills learned in class can be applied in order to work on creating a small business.

Out-of-Class Time Required: One to three hours per week. There may be some projects that will require more time after school than a normal week.

Evaluation: Students will be graded on essays, tests and projects.

## PERSONAL FINANCIAL RESPONSIBILITY

10 11 12

IDOE #4540 (PRS FIN RSP)

**B4540**

**Semester/1.0 Credit**

**This course can be taken for Dual Credit.**

Content: This course is strongly recommended for all students as the topics covered will help students to be productive workers, consumers, and citizens. This course includes instruction in improving economic citizenship in personal management and consumerism- managing money received and deciding how to spend it wisely. Units of instruction include the stock market, investing in mutual funds and real estate, checking accounts and banking, saving

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024-2025

for the future, credit, housing, and the consumer in the marketplace.

Activities: Discussions, readings, chapter exercises, group activities, internet activities, and two long-term projects/simulations in checking accounts and household financial management.

Out-of-Class Time Required: Two hours per week.

Evaluation: Objective and short answer tests along with special homework assignments.

## MARKETING FUNDAMENTALS

10 11 12

IDOE #5914 (MRKT FUND)

B5914

**Year/2.0 Credits**

**This course can be taken for Dual Credit.**

Content: Did you ever wonder why products like the DeLorean, Crystal Pepsi, McDonald's Arch Deluxe, or New Coke never made it on the market? Find out what it takes to be successful in sports, entertainment, tourism, and hospitality marketing. This course will cover such topics as: functions of marketing, marketing strategies, products and pricing, channels of distribution, advertising and selling and careers in marketing.

Activities: Lectures, class discussions, and in class projects/activities

Out-of-Class Time Required: One hour per week.

Evaluation: Tests, quality of discussions and homework assignments.

## DIGITAL MARKETING

11 12

IDOE #7145 (DGTLMARK)

B7145

**Year/2.0 Credits**

**This course can be taken for Dual Credit.**

Prerequisite: Marketing Fundamentals

Content: Digital Marketing provides an introduction to the world of e-commerce and digital marketing media. The course covers how to integrate digital media and e-commerce into organizational and marketing strategy. Students will explore e-commerce applications and the most popular digital marketing tactics and tools. Emphasizes familiarity with executing digital media, understanding the marketing objectives that digital media can help organizations achieve, and establishing and enhancing an organization's digital marketing presence.

Activities: Projects, Tests

Out-of-Class Time Required: Two to four hours per week.

Evaluation: Projects, Tests

## PREPARING FOR COLLEGE AND CAREERS

9 10 11 12

IDOE #5394 (PREP CC)

B5394

**Semester/1.0 Credit**

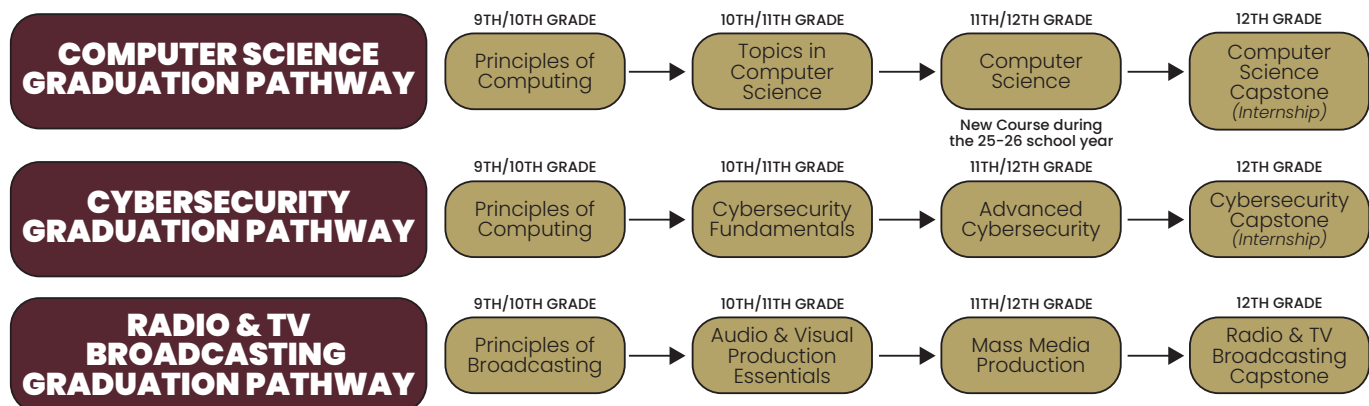
Content: What every student needs to succeed in today's world of work. This course will help chart a course for career exploration and assist in the transition to the work world. It will offer a look into life roles and responsibilities and how to be a productive participant in the work force.

Activities: Discussion, research in the College/Career Center, computer activities, activity sheets, projects, videos, guest speakers, lectures, and a job shadowing experience.

Out-of-Class Time Required: One to two hours per week.

Evaluation: Projects, assignments, activities and tests.

## Information Technology Career Pathways CTE Concentrators



## PRINCIPLES OF COMPUTING

9 10 11 12

IDOE #7183 (PRIN COMP INFO)

B7183

**Year/2.0 Credits**

Content: Principles of Computing provides students the opportunity to explore how computers can be used in a wide variety of settings. The course will begin by exploring trends of computing and the necessary skills to implement information systems. Topics include operating systems, database technology, cybersecurity, cloud implementations and other concepts associated with applying the principles of good information management to the organization. Students will also have the opportunity to utilize basic programming skills to develop scripts designed to solve problems. Students will

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

learn about algorithms, logic development and flowcharting.

Activities: Lectures, discussions, computer projects, computer activities

Out-of-Class Time Required: Two to five hours per week.

Evaluation: Tests, projects/labs, classwork and participation.

## ADVANCED PLACEMENT **COMPUTER SCIENCE PRINCIPLES**

9 10 11 12

IDOE #4568 (AP CSP)

**B4568**

**Year/2.0 Credits**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Content: AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

Activities: Lectures, discussions, computer projects, computer activities

Out-of-Class Time Required: Three to six hours per week.

Evaluation: Tests, projects/labs, classwork and participation.

## TOPICS IN COMPUTER SCIENCE

10 11 12

IDOE #7351 (TOP COMP SCI)

**B7351**

**Year/2.0 Credits**

Prerequisite: AP Computer Science Principles Test Score of 3, 4 or 5. Completed AP Contract.

Content: Topics in Computer Science builds upon the foundations of computer science with an in-depth investigation of emerging disciplines. Students will study the areas of data science, artificial intelligence, application/game development, and information security. Students will utilize project-based learning to develop solutions to authentic problems.

Activities: Lectures, discussions, computer projects, computer activities

Out-of-class-time required: Three to six hours per week.

Evaluation: Tests, projects/labs, classwork and participation.

## ADVANCED PLACEMENT **COMPUTER SCIENCE A**

11 12

IDOE #4570 (AP COMP SCI)

**B4570**

**Year/2.0 Credits (Weighted Grade)**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: AP Computer Science Principles Test Score of 3, 4 or 5. Topics in Computer Science with a "C" average. Completed AP Contract.

Content: AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

Activities: Lectures, discussions, computer projects, computer activities

Out-of-class-time required: Three to six hours per week.

Evaluation: Tests, projects/labs, classwork and participation.

## CYBERSECURITY FUNDAMENTALS

10 11 12

IDOE #7179 (CYBSEC FUN)

**B7179**

**Year/2.0 Credits**

Prerequisite: AP Computer Science Principles with a "C" average

Content: Cybersecurity Fundamentals builds upon the foundations of computer science with an in-depth investigation of cybersecurity. Students will study layered networking protocols as they integrate into conceptual Information Communication Technology (ICT) frameworks. Students will learn how networked hosts and applications communicate across networks, along with how to build security into each phase of the Systems Development Life Cycle (SDLC).

Activities: Lectures, discussions, computer projects, computer activities

Out-of-class-time required: Three to six hours per week.

Evaluation: Tests, projects/labs, classwork and participation.

## ADVANCED CYBERSECURITY

11 12

IDOE #7178 (ADV CYBSEC)

**B7178**

**Year/2.0 Credits**

Prerequisite: Cybersecurity Fundamentals with a "C" average

Content: The course is designed to expose students to the ever-growing and far-reaching field of cybersecurity by providing them with inspiring and relevant learning experiences, during which they train and solve real-world problems as cybersecurity experts do. Students work both individually and in teams to establish an ethical code of conduct while learning to defend data in today's complex cyberworld. Topics include Ethics and Society, Security Principles, Classic Cryptography, Modern Cryptography, Malicious Software, Physical Security, and Web Security. Students will also explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security.

Activities: Lectures, discussions, computer projects, computer activities

Out-of-class-time required: Three to six hours per week.

Evaluation: Tests, projects/labs, classwork and participation.



## PRINCIPLES OF BROADCASTING

9 10 11 12

IDOE #7139 (PRIN BROAD)

**B7139**

**Year/2.0 Credits**

Content: Principles of Broadcasting provides an introduction to the fundamentals of digital production, both on-air and on the internet. Students will develop basic skills in digital production techniques for audio, video, studio and field production. Students will learn the theory of audio and video production in addition to practicing it. This course is taught in the classroom and in the studios of WDSO. The high school's radio station, WDSO, is a fully functioning FM radio station that covers most of Northwest Indiana. Students will have an opportunity to be on the air.

Activities: Students will complete practice exercises, work with broadcasting equipment, and complete projects.

Out-of-Class Time Required: One to three hours per week. Most projects can be completed in school but work that is not completed at school needs to be completed at home.

Evaluation: Quality of projects and performance on quizzes

## AUDIO AND VIDEO PRODUCTION ESSENTIALS

10 11 12

IDOE #7306 (AUD VID PROD)

**B7306**

**Year/2.0 Credits**

**This course can be taken for Dual Credit.**

Prerequisite: Principles of Broadcasting

Content: This is a second level course in broadcasting that focuses on advanced audio techniques. While there is an emphasis on audio, the students will dive deeper into using Chesterton High School's TV Studio. This course has more use of equipment than the other second level course. Students will have weekly lectures and quizzes. The class will include time for the students to be live on 88.3.

Activities: Radio studio use, TV studio use FM on-air DJing, Podcasting and Recordings

Out-of-Class Time Required: One to three hours per week. Most projects can be completed in school but work that is not completed at school needs to be completed at home.

Evaluation: Quality of projects and performance on quizzes and tests.

## MASS MEDIA PRODUCTION

10 11 12

IDOE #7307 (MASS MED PROD)

**B7307**

**Year/2.0 Credits**

**This course can be taken for Dual Credit.**

Prerequisite: Principles of Broadcasting

Content: The second level course in broadcasting focusing on advanced video techniques. While there is an emphasis on video, the students will dive deeper into using Chesterton High School's FM studios- WDSO. This course has more time in front of the camera than the other second level course. Students will have weekly lectures and quizzes. The class will include time for the students to record the video announcements and report on happenings at Chesterton High School.

Activities: TV studio use, field production, lecture, use of WDSO studios

Out-of-Class Time Required: One to three hours per week.

Evaluation: Quality of projects and performance on quizzes and tests.

## RADIO AND TV BROADCASTING CAPSTONE

12

IDOE #7308 (RADTV BROAD CAP)

**B7308**

**Year/2.0 Credits**

**This course can be taken for Dual Credit.**

Prerequisite: Principles of Broadcasting; AV Production Essentials and Mass Media Production

Content: Students will propose a course of study for the semester involving television and radio and have it approved by the instructor. Students will be asked to be the assigned Radio DJ for the block they are in class.

Activities: Varies based on student's interests with television, radio and On-Air work.

Out-of-Class Time Required: One to three hours per week.

Evaluation: On-Air work and quality of projects



# English

## GUIDELINES

All weighted grades need to be a C- or above to receive the additional point.

### 9TH GRADE ENGLISH

Guided by middle school recommendation, students will be placed into one of two programs, all of which emphasize the sequential development of reading, writing, speaking, listening, and study skills.

**CHOICE 1:** English 9 (year course)

**CHOICE 2:** English 9 Honors (year course)

### 10TH GRADE ENGLISH

Guided by English 9 teacher recommendation, standardized test scores, and performance, students will be placed into one of two programs, all of which emphasize the continued sequential development of reading, writing, speaking, and listening skills started in English 9.

**CHOICE 1:** English 10 (year course)

**CHOICE 2:** English 10 Honors (year course)

### 11TH GRADE ENGLISH

Guided by English 10 teacher recommendation, standardized test results and performance, students will be placed into one of the following programs, all of which emphasize the continued sequential development of reading, writing, speaking, and listening skills started in English 10.

**CHOICE 1:** AP Language & Composition (year course, admittance by recommendation)

**CHOICE 2:** IB Language 1A: Literature HL (year course)

**CHOICE 3:** Advanced Composition (1st semester)

and World Literature 1, World Literature 2, or Advanced Speech

**CHOICE 4:** English 11 (year course)

**CHOICE 5:** English 11 (1st semester)

and Advanced Composition or Advanced Speech (2nd semester)

### 12TH GRADE ENGLISH

Guided by English 11 teacher recommendation, students must choose ONE of the following options in order to receive senior English credit. Students may NOT substitute an English course taken as an elective for senior English credit.

**CHOICE 1:** AP Literature & Composition (year course, admittance by recommendation)

**CHOICE 2:** IB Language 2A: Literature HL (year course)

**CHOICE 3:** Two semester courses, choose as follows:

- Advanced Composition (1st semester) and World Literature 1, World Literature 2, Advanced Speech or Critical Thinking and Argumentation
- English 12 (1st semester) and Film Literature, or Advanced Speech

With instructors' permission, seniors may take these semester courses as electives if space is available:

Yearbook, Newspaper, Film Literature.

## ENGLISH 9

9

IDOE #1002 (ENG 9)

**E1002**

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

For students who function best in a curriculum of average difficulty.

Prerequisite: Placement by middle school teachers and counselor.

Content: Each section will include literature, composition, vocabulary, speaking, and grammar focusing on college prep.

Activities: Students will read fiction and non-fiction materials, develop research and study skills, further their mastery of grammar, and demonstrate proficiency through tests, quizzes, expository writing, discussions and speeches.

Out-of-Class Time Required: The students will spend between two to six hours per week on homework depending on the level at which they are working and the demands of the particular unit.

Evaluation: Quizzes, tests, required writing assignments and speeches 4/5; final exam 1/5.

## ENGLISH 9 HONORS

9

IDOE #1002 (ENG 9 HON)

**E1002H**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

For students who have been identified as able to handle advanced work. To remain in this class, a students must maintain a grade of C- or higher.

Prerequisite: Placement by middle school teachers and counselor.

Content: Each section will include literature, composition, vocabulary, speaking, and grammar focusing on college prep.

Activities: Students will read fiction and non-fiction materials, develop research and study skills, further their mastery of grammar, and demonstrate proficiency through tests, quizzes, expository writing, discussions and speeches.

Out-of-Class Time Required: The students will spend between two to six hours per week on homework depending on the level at which they are working and the demands of the particular unit.

Evaluation: Quizzes, tests, required writing assignments and speeches 4/5; final exam 1/5.

# English Course Progression Chart

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English 9	English 10	English 11	AP Literature & Composition
English 9 Honors	English 10 Honors	AP Language & Composition	IB English HL (2nd Year)
	**Advanced Speech (DC)	IB English HL (1st Year)	Advanced Composition (DC)
<b>Advanced Composition (ENG 111) is the prerequisite for all other Dual Credit English courses.</b> *with the exception of Advanced Speech (Comm 101)*		Advanced Composition (DC)	World Literature 1 (DC)
<b>All AP, IB, and Dual Credit courses are weighted</b>		World Literature 1 (DC)	World Literature 2 (DC)
<b>**Advanced Speech DC taken during Sophomore year will be counted as an Elective Course.</b>		World Literature 2 (DC)	English 12
<b>DUAL CREDIT DISCLAIMER</b> Please note that all Dual Credit courses at Chesterton High School are subject to change pending student registration with the college/university and/or teacher accreditation.		Advanced Speech (DC)	Film Literature
		<b>FULL YEAR COURSE</b>	Critical Thinking & Argumentation (DC)
		<b>SEMESTER COURSE</b>	Advanced Speech (DC)

## ENGLISH 10

10

IDOE #1004 (ENG 10)

E1004

**Year/2.0 Credits****This course counts towards an Academic Honors Diploma.**

For students who function best in a curriculum of average difficulty.

Prerequisite: English 9 and teacher placement.Content: Extended study of the short-story; examination/ application of literary terms; the reading of two major novels and one drama; reading skill development; introduction to poetry analysis; extended work on the expository paragraph; public speaking; media study; continued work in grammar and vocabulary.Activities: In-class and out-of-class readings; project constructions; compositions; speech work; genre/literature analysis and discussions; library research; vocabulary, reading and grammar drill work; quizzes, and tests.Out-of-Class Time Required: An average of two to five hours per week.Evaluation: Course grade is determined by the scale of 90-80-70-60%. A maximum of six points of extra credit is allowed per nine weeks.

## ENGLISH 10 HONORS

10

IDOE #1004 (ENG 10 HON)

E1004H

**Year/2.0 Credits (Weighted Grade)****This course counts towards an Academic Honors Diploma.**

For students who have been identified as able to handle advanced work. To remain in this class, a students must maintain a grade of C- or higher.

Prerequisite: English 9 and teacher recommendation.Content: Survey of American Literature from the Colonial time period to the 20th Century; the reading of at least four classic American novels, poetry, writing, media, and public speaking.Activities: In-class and out-of-class readings; project construction; library research; compositions and grammar related skills; speech work; type/literature analysis and discussions; work with contextual vocabulary; quizzes; and tests.Out-of-Class Time Required: Average of four to six hours per week.Evaluation: Per unit-90-80-70-60% scale, and/or distribution curve; course work 4/5, final exam 1/5.

## ENGLISH 11

11

IDOE #1006 (ENG 11)

E1006

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

For students who have been identified as working at or near average ability level.

Prerequisite: English 10 or teacher placement.

Content: Survey of American literature with emphasis on literary background and heritage; in-depth study of three major novels and two dramas; study of representative authors/titles of each literary period from colonial to Modern Era; review of basic grammar, usage, and mechanics; expository and creative writing; public speaking to inform/persuade; vocabulary study. Independent reading each quarter.

Activities: Reading texts and supplements of selected titles/authors; completing grammar drills and quizzes; completing vocabulary exercises, quizzes, tests; researching subjects as a basis for informative/persuasive speech; writing in variety of compositions-both creative and expository; argumentative writing.

Out-of-Class Time Required: Three to six hours per week.

Evaluation: Quizzes, tests, speeches, assignment 4/5; final exam 1/5

## ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

11

IDOE #1056 (AP LNG COMP)

E1056

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: Students must pass English 10 Honors with at least a B. If a student does not meet those requirements, they must have a strong recommendation pertaining to work ethic from their current English teacher.

Content: This course follows the Advanced Placement College Board material for Language & Composition, and other course material that leads students to successfully pass the AP exam at the end of the year.

Activities: Essay analysis, reading, small group work, presentations.

Out-of-Class Time Required: One to two hours per week. There is a rigorous reading requirement for this course outside of class.

Evaluation: Essays, timed-writing prompts, practice tests, tests, projects.

## IB LANGUAGE 1A: LITERATURE – HIGHER LEVEL

11

IDOE #1130 (IB ENG 1 HL)

E11301

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## ADVANCED COMPOSITION

11 12

IDOE #1098 (ADV COMP)

E1098

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

\*Seniors enrolled in English Advanced Composition are to choose either Novels, World Literature, or Critical Thinking and Argumentation for their second semester requirement. To remain in this class, a student must maintain a grade of a "C-" or higher.

Prerequisite: Passage of past and current English classes with a "C-" or higher AND a strong teacher recommendation based upon PSAT scores, GPA, and passage of the Ivy Tech Knowledge Assessment test prior to placement.

Content: Review of grammar and introduction to composition (short essays, longer essays, research paper) expected at the college level. Designed especially for student who is definitely going or who might go to college.

Activities: Writing out-of-class and in-class essays of types found in college English classes; preparing research project; analyzing short fiction and non-fiction as a background for writing.

Out-of-Class Time Required: Five to seven hours per week.

Evaluation: Some tests and quizzes, but majority of grade based on writing.

## ENGLISH 12

12

IDOE #1008 (ENG 12)

E1008

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

\*Seniors enrolled in English 12 are to choose either Film Literature or Novels as their second semester requirement.

Prerequisite: English 11

Content: Grammar review, spelling, vocabulary, speech, composition, and literature, as needed for a general education in English.

Activities: Assignments in literature and reading, tests, quizzes, essays, speeches, and class discussion.

Out-of-Class Time Required: Three to five hours per week.

Evaluation: Course grade is determined by 90%=A, 80%=B, 70%=C, 60%=D of the total points possible.

## ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

12

IDOE #1058 (AP LIT COMP)

E1058

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Completion of English 11 AP and teacher recommendation.

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

All students enrolled in Advanced Placement MUST take the Advanced Placement Exam given in May. Students must complete BOTH semesters of this class and take the AP test in May in order to receive the AP designation on their transcripts. Midterm graduates are NOT eligible for this class. To remain in this class, a students must maintain a grade of C or higher.

Content: Survey of world literature emphasizing analysis of major works, study of author's philosophy, literary movements and style; numerous essays and assignments including a required research paper; grammar review; miscellaneous material as needed for advanced English students.

Activities: Essay quizzes; in-class and out-of-class essays; research paper; speeches; independent reading; class discussions; lectures; exams (both objective and essay.)

Out-of-Class Time Required: Seven to twelve hours per week.

Evaluation: Objective activities graded on a 90-A, 80-B, 70-C, 60-D scale; subjective activities (essays, etc.) graded on a rubric pre-determined for many activities.

## ADVANCED SPEECH AND COMMUNICATION

10 11 12

IDOE #1078 (ADV SPEECH)

E1078

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit (A grade of a C or higher must be achieved to receive Dual Credit).**

NOTE: Advanced Speech DC taken during Sophomore year will be counted as an Elective Course.

Prerequisite: Teacher recommendation

Content: Advanced Speech and Communication, a course based on the Indiana Academic Standards for English/Language Arts and emphasizing the High School Speech and Communication Standards, is the study and application of skills in listening, oral interpretation, media communications, research methods, and oral debate. Students deliver different types of oral and multimedia presentations, including speeches to inform, to motivate, to entertain, and to persuade through the use of impromptu, extemporaneous, memorized, or manuscript delivery.

Activities: Studying rhetoric and speech examples, writing speeches, delivering speeches individually and in group forums.

Out-of-Class Time Required: One to three hours per week.

Evaluation: Rubric-based evaluations/assessments on the written content as well as spoken; journals, quizzes, critiques, and peer reviews.

## WORLD LITERATURE I

11 12

IDOE #1052 (WORLD LIT I)

E10521

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit (A grade of a C or higher must be achieved to receive Dual Credit).**

Prerequisite: Advanced Composition

Content: World Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of ancient to medieval representative works by major authors from six continents: Africa, Asia, Australia, Europe, North America, and South America. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the countries represented by the authors.

Activities: Students will engage with a variety of texts from a variety of cultures and settings in multiple modalities.

Out-of-Class Time Required: One to three hours per week.

Evaluation: Written responses, projects, oral presentations, quizzes, and tests.

## WORLD LITERATURE 2

11 12

IDOE #1052 (WORLD LIT II)

E10522

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit (A grade of a C or higher must be achieved to receive Dual Credit).**

Prerequisite: Advanced Composition

Content: World Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of Renaissance to Contemporary works by major authors from six continents: Africa, Asia, Australia, Europe, North America, and South America. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the countries represented by the authors.

Activities: Students will engage with a variety of texts from a variety of cultures and settings in multiple modalities.

Out-of-Class Time Required: One to three hours per week.

Evaluation: Written responses, projects, oral presentations, quizzes, and tests.

## FILM LITERATURE

12

IDOE #1034 (FILM LIT)

E1034

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: English 9, English 10, and English 11

Content: Film Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of how literature is adapted for film or media and includes role playing as film directors for selected screen scenes. Students read about the history of film, the reflection or influence of film on the culture, and issues of interpretation, production and adaptation. Students examine the visual interpretation of literary techniques and auditory language in film and the limitations or special capacities of film versus text to present a literary work.

Activities: Discussing various elements of writing styles; writing of different types of material emphasizing the stylistic elements; keeping a journal of personal writing.

Out-of-Class Time Required: One to two hours per week.

Evaluation: Tests, quizzes, and general assignments- 25%; student writing-25%; class participation-25% and portfolio/journal-25%.



**CRITICAL THINKING AND ARGUMENTATION**

**12**

IDOE #1074 (CRIT THINK)

**E1074**

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit (A grade of a C or higher must be achieved to receive Dual Credit).**

Prerequisite: Advanced Composition

Content: Critical Thinking and Argumentation, a course based on the Indiana Academic Standards for English/Language Arts, is a study of deductive and inductive logic, including logical fallacies, and should challenge students to think critically, analytically, and philosophically. Students learn to formulate thoughtful inquiry questions, connect ideas or concepts, challenge ideas and concepts, and rephrase ideas when appropriate. Active class participation is essential, including persistent questioning, rational discussion, and reasoned argumentation. Students make comments that reflect the development of logic (a line of reasoning), represent a clear point of view, and involve evidence of support (data, examples, anecdotes, documents, information from a variety of sources). Students use the same Standard English conventions for oral speech that they use in their writing.

Activities: Group work, lecture and discussion, article study and analysis, and projects.

Out-of-Class Time Required: Two to six hours a week depending upon the current topic and project.

Evaluation: Tests, quizzes, critical essays, collaborative projects, and presentations.

**IB LANGUAGE 2A: LITERATURE – HIGHER LEVEL**

**12**

IDOE #1130 (IB ENG 2 HL)

**E11302**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## *English Electives*

General elective courses listed below may be taken by students in grades 9 through 12; however, these courses cannot be used as substitutes for any of the required courses. Courses may be repeated for credit with department chairperson permission:

*Debate, Dramatic Literature (Competitive Speech), Student Media (Newspaper), Student Media (Yearbook)*

**DEBATE**

**9 10 11 12**

IDOE #1070 (DEBATE)

**E1070**

**Year/2.0 Credits**

**This course may be repeated for credit.**

Content: Using the art of argumentation, students will gain an understanding of life and the world by exploring issues in history, philosophy, literature, jurisprudence, ethics, and other aspects of the arts and the social sciences. Students will encounter all types of speaking skills with specific emphasis on logical thinking, analysis, research, statistics, persuasion, and argumentation. The student will be a member of the state and nationally recognized Speech and Debate Team. Particular team events will be worked on including Two-Man Debate, Lincoln-Douglas Debate, Public Forum, and Congress.

Out-of-Class Time Required: Two to four hours per week, plus attendance at activities after school and on Saturdays.

Evaluation: Students will be individually evaluated on progress and work time as well as on performances in practice and at tournaments.

**DRAMATIC LITERATURE**

**9 10 11 12**

IDOE #1028 (DRAMA LIT)

**E1028**

**Year/2.0 Credits**

**This course may be repeated for credit.**

Content: Students work independently on developing presentation skills for competitive speech events. There are 14 individual events ranging from public address through oral interpretation. Students learn how to write speeches and make cuttings from literature, while reinforcing skills in research, literary analysis, rhetoric and persuasion.

Out-of-Class Time Required: Students will need to work on their own or with coaches about two to four hours per week. In addition, students are required to attend speech competitions which are generally held on Saturdays (8-10 tournaments per year).

Evaluation: Students are individually evaluated on class activities (quizzes, projects, performance), performance portfolios, and their attendance at tournaments.

**ENGLISH AS A NEW LANGUAGE**

**9 10 11 12**

IDOE #1012 (ENL)

**E10121 (9) / E10122 (10) / E10123 (11) / E10124 (12)**

**Year/2.0 Credits**

Prerequisite: ELL Teacher of Record Recommendation

Content: Students will read short stories, poems, articles, content area texts and a novel. Students will analyze and evaluate the literary elements while showing evidence from the texts. Students will build vocabulary, analyze the meaning of words, identify patterns of word changes, and interpret figures of speech. Students will write argumentative, informative, and narrative compositions. Students will continue to develop the conventions of Standard English in context. Students will discuss, collaborate and present about the various readings and compositions.

Evaluation: Compositions and presentations will be graded according to the WIDA rubrics. Students will need to show growth.

## STUDENT MEDIA – NEWSPAPER

9 10 11 12

IDOE #1086 (STDNT MEDIA N)

**E1086N**

### **Year/2.0 Credits**

Prerequisite: In addition to a recommendation from a student's English teacher, a student must have consistently achieved a C- or higher in all previous English classes.

Content: Class publishes the Sandscript. Students write news, commentary, sports, and feature stories, and take pictures covering school and school-related subjects. Students with experience advance to editorial positions on basis of previous work and ability. May be repeated for general elective credit.

Activities: Participation on a beat to gather information, to interview persons, to write news, commentary, sports, and feature articles, to take relevant photographs, to create layouts and graphics, and to sell and create ads for publication in the Sandscript.

Out-of-Class Time Required: Maximum of five hours per week; weekly staff meeting; more time during deadlines; some in-school time may be required during the school year and summer. Time is needed in and/or out-of-class to sell advertisements. Optional summer seminars at Indiana University available to outstanding instructor-selected staff members.

Evaluation: Basis of accuracy, thoroughness and completion of assignments on time.

## STUDENT MEDIA – YEARBOOK

9 10 11 12

IDOE #1086 (STDNT MEDIA Y)

**E1086Y**

### **Year/2.0 Credits**

**This course may be repeated for credit.**

Prerequisite: In addition to a recommendation from a student's English teacher, a student must have consistently achieved a C- or higher in all previous English classes.

Content: Class publishes Singing Sands yearbook. Includes organizing the yearbook; assigning, taking and designing pictures; making up pages; writing copy, stories, headlines and captions; cropping and managing pictures; and selling advertisements. Course may be repeated for general elective credit.

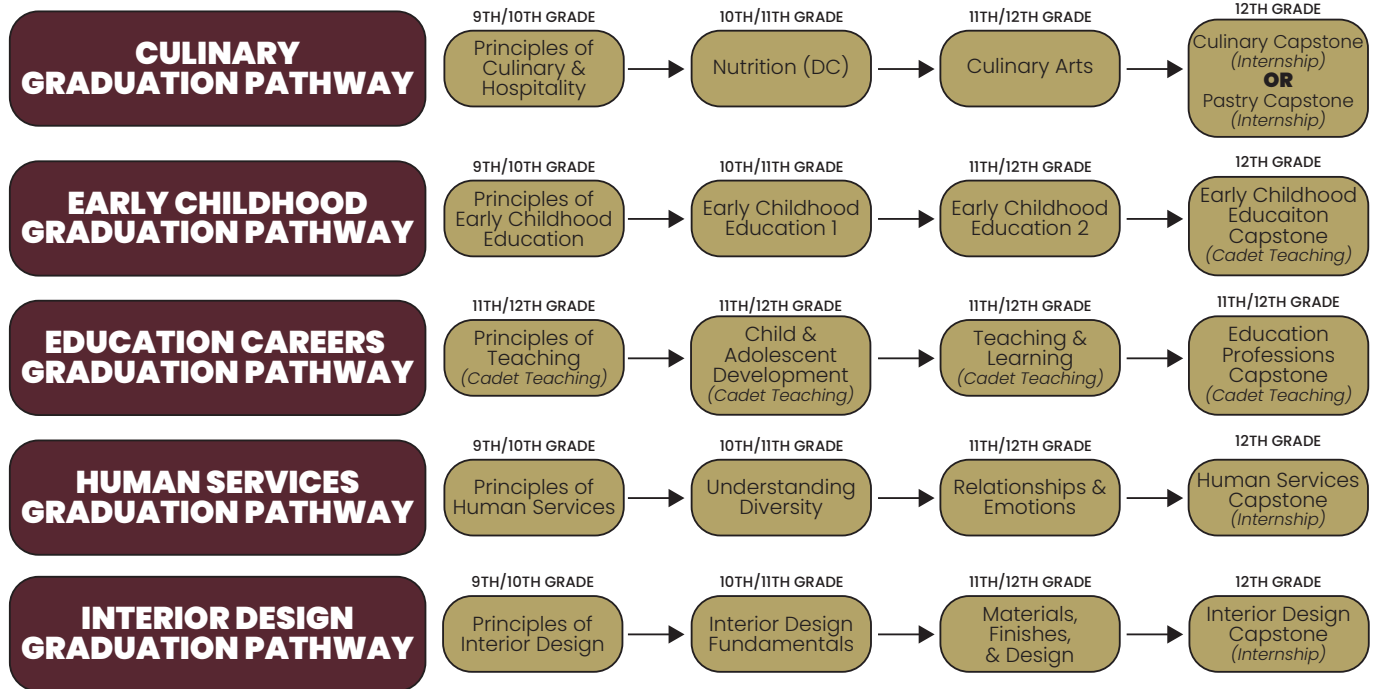
Activities: Work on content, take pictures, analyzing journalistic publications for layout ideas and working with others, both in and out of school, to gather information and material that is essential for creating the yearbook. Manage full coverage of school events.

Out-of-Class Time Required: Time based on effort, number of events to cover, and overall coverage time needed. Some in school time may be required during the school year and early summer.

Evaluation: Basis of accuracy, thoroughness and completion of assignments on time.

# Family & Consumer Sciences

## FACS Career Pathways CTE Concentrators



### PRINCIPLES OF CULINARY AND HOSPITALITY

10 11 12

IDOE #7173 (PRIN HOSP)

**Year/2.0 Credits****This course can be taken for Dual Credit.**

**Content:** Principles of Culinary and Hospitality is recommended for all students pursuing a graduation pathway in Culinary Arts- including Hospitality, Tourism and Culinary Arts. A project-based approach that utilizes higher order thinking, communication, leadership, and management processes is recommended. Topics include basic culinary skills in the food service industry, safety and sanitation, nutrition, customer relations and career investigation. Laboratory experiences (cooking) that emphasize industry practices and develop basic skills are required components of this course.

**Activities:** Cooking labs, ServSafe test preparation, projects

**Out-of-Class Time Required:** Varies

**Evaluation:** Labs, projects, tests

**F7173**

### NUTRITION

10 11 12

IDOE #7171 (NUTR)

**Year/2.0 Credits****This course can be taken for Dual Credit.**

**Prerequisite:** Principles of Culinary and Hospitality

**Content:** Students will learn the characteristics, functions and food sources of the major nutrient groups and how to maximize nutrient retention in food preparation and storage. Students will apply those principles to menu planning and food preparation. This course will engage students in hands-on learning such as preparing food.

**Activities:** Labs(cooking), hands-on activities and projects

**Out-of-Class Time Required:** Varies

**Evaluation:** Tests, quizzes, labs, projects

**F7171**

## CULINARY ARTS

11 12

IDOE #7169 (CUL ARTS)

**F7169**

### Year/2.0 Credits

Prerequisite: Principles of Culinary and Hospitality

Content: Culinary Arts teaches students how to prepare stocks, sauces and various soups. Students will build upon classical cooking methods learned in previous courses. This course will also present the fundamentals of baking science. Students will bake yeast goods, pies, cakes, cookies, and quick breads.

Activities: Labs(cooking), hands-on activities and projects

Out-of-Class Time Required: Varies

Evaluation: Tests, quizzes, labs, projects

## PRINCIPLES OF INTERIOR DESIGN

9 10 11 12

IDOE #7132 (PRIN INT DES)

**F7132**

### Year/2.0 Credits

Content: Students will learn the introductory skills needed to work in the field of Interior Design. Students will learn color and design theory and apply them to a variety of experiences and projects. Students will also learn how these concepts impact the people that use the designed space. There are many hands-on projects in this course.

Activities: Hands-on projects, creating designs for spaces

Out-of-Class Time Required: Varies

Evaluation: Tests, quizzes, labs, projects

## INTERIOR DESIGN FUNDAMENTALS

10 11 12

IDOE #7127 (INT DES FUN)

**F7127**

### Year/2.0 Credits

Prerequisite: Principles of Interior Design

Content: Students will learn about construction, space planning, construction and how those impact the person using the space. Knowledge of construction/building codes and practices. Students will practice hand drawn renderings related to construction and client presentations. Students will also learn about furniture materials and finishes. There are many hands-on projects in this course.

Activities: Space planning, hands-on projects

Out-of-Class Time Required: Varies

Evaluation: Tests, quizzes, projects

## MATERIALS, FINISHES, AND DESIGN

10 11 12

IDOE #7128 (MAT FIN DES)

**F7128**

### Year/2.0 Credits

Prerequisite: Principles of Interior Design

Content: Students will learn and apply knowledge of textiles, furniture and finishes to textile/furniture fabrications. Students will refinish a furniture piece as a group. Students will also learn about calculating Materials, Finishes, and Design elements including window treatments, floor finishes and wall coverings. There are many hands-on projects in this course.

Activities: Labs, refinishing furniture, hands-on projects

Out-of-Class Time Required: Varies

Evaluation: Tests, quizzes, labs, projects

## PRINCIPLES OF EARLY CHILDHOOD EDUCATION

9 10 11 12

IDOE #7160 (PRIN EAR CH ED)

**F7160**

### Year/2.0 Credits

Content: This course provides students with an overview of skills and strategies necessary to successfully complete a certificate. Students will complete observations and field experiences with children.

Activities: Writing Lesson Plans, working with children, hands-on projects

Out-of-Class Time Required: Varies

Evaluation: Tests, quizzes, observations, projects

## EARLY CHILDHOOD EDUCATION CURRICULUM

10 11 12

IDOE #7158 (EAR CHD ED CUR)

**F7158**

### Year/2.0 Credits

Prerequisite: Principles of Early Childhood Education. **Must have own transportation.**

Content: Examines developmental appropriate environments and activities in various childcare settings while exploring the varying development levels and cultural backgrounds of children. Students will complete observations and field experiences with children.

Activities: Working with children, projects

Out-of-Class Time Required: One hour a week

Evaluation: Tests, quizzes, observations, projects

## EARLY CHILDHOOD EDUCATION GUIDANCE

11 12

IDOE #7159 (EAR CHD ED GD)

F7159

**Year/2.0 Credits**

**Prerequisite:** Principles of Early Childhood Education. **Must have own transportation.**

**Content:** This course allows students to analyze developmentally appropriate guidance, theory and implementation of various early care and education settings.

**Activities:** Working with children, projects

**Out-of-Class Time Required:** One hour a week

**Evaluation:** Tests, quizzes, observations, projects

## PRINCIPLES OF TEACHING

11 12

IDOE #7161 (PRIN TEACH)

F7161

**Year/4.0 Credits – 1 block per day**

**This is a companion course with Child & Adolescent Development. Both classes must be taken together.**

**Prerequisite:** College bound Juniors & Seniors only. Solid “B” average. **Must have own transportation.**

**Content:** This course provides the foundation for employment in education and careers dealing with children. Students will build a foundation for learning the principles of effective teaching practices and the personal characteristics needed by professionals to be successful in educational careers. Students will be engaged in preparing instructional materials, planning and presenting lessons, and developing group activities at their field site as they participate as interns at the elementary and/or intermediate schools under the joint supervision of their high school teacher and mentor teacher at the field site.

**Out-of-Class Time Required:** Varies

**Evaluation:** Supervising teacher, teacher portfolio, observations

## CHILD AND ADOLESCENT DEVELOPMENT

11 12

IDOE #7157 (CHLD ADL DEV)

F7157

**Year/2.0 Credits**

**This is a companion course with Principles of Teaching. Both classes must be taken together.**

**Prerequisite:** **Must have own transportation.**

**Content:** Students will be engaged in preparing instructional materials, planning and presenting lessons, and developing group activities at their field site as they participate as interns at the elementary and/or intermediate schools under the joint supervision of their high school teacher and mentor teacher at the field site. In addition this class will examine the physical, social, emotional, cognitive, and moral development of the child from birth through adolescence with a focus on the middle years through adolescence. Basic theories of child development, biological and environmental foundations of development, and the study of children through observation and interviewing techniques are explored. The influence of parents, peers, the school environment, culture and the media are discussed.

**Activities:** Varies

**Out-of-Class Time Required:** Varies

**Evaluation:** Supervising teacher, teacher portfolio, observations

## TEACHING AND LEARNING [CADET TEACHING]

12

IDOE #7162 (TEACH LRN)

F7162

**Year/2.0 Credits**

**This is a companion course with Education Professions Capstone. Both classes must be taken together.**

**Prerequisite:** Principles of Teaching. **Must have own transportation.**

**Content:** Teaching and Learning provides students the opportunity to apply many of the concepts that they have learned throughout the Education Profession Pathway. In addition to a focus on the best practices, this course will provide an introduction to the role that technology plays in the modern classroom.

**Activities:** Working with school aged children at assigned school, applying technology to the classroom setting

**Out-of-Class Time Required:** Varies

**Evaluation:** Supervising teacher, observations, in-class assignments

## EDUCATION PROFESSIONS CAPSTONE [CADET TEACHING]

12

IDOE #7267 (ED PROF CAP)

F7267

**Year/2.0 Credits**

**This is a companion course with Teaching and Learning. Both classes must be taken together.**

**Prerequisite:** Principles of Teaching and Child and Adolescent Development. **Must have own transportation.**

**Content:** The Education Profession Capstone provides an extended opportunity for field experience to further apply concepts that have been presented throughout the pathway. Students will also have the opportunity to explore the topic of exceptional child and literacy development through children's literature. Students will gain a deeper understanding of inclusive teaching techniques along with policies, theories, and laws related to special education.

**Activities:** Working with school aged children at assigned school and applying knowledge at school placement

**Out-of-Class Time Required:** Varies

**Evaluation:** Supervising teacher, observations, in-class assignments

## PRINCIPLES OF HUMAN SERVICES

9 10 11 12

IDOE #7176 (PRIN HUM SERV)

**F7176**

### **Year/2.0 Credits**

Content: This course will help students interested in human and community services and other helping careers. There will be lots of real-world experiences and hands-on activities.

Activities: Projects with other students as well as community partners, service projects, student led activities.

Out of Class Time Required: Varies depending on project. There may be times that service project is done outside of class time.

Evaluation: Assignments and class projects- 2/5; tests and quizzes- 1/5; professional project- 1/5; final exam- 1/5

## UNDERSTANDING DIVERSITY

10 11 12

IDOE #7174 (UND DIV)

**F7174**

### **Year/2.0 Credits**

Prerequisite: Principles of Human Services

Content: Understanding Diversity encourages cultural awareness and appreciation of diversity. Focuses on cultural variations in attitudes, values, language, gestures, and customs. Includes information about major racial and ethnic groups in the United States.

Activities: Projects, reflections, student-led activities

Out of Class Time Required: Varies

Evaluation: Assignments, tests, quizzes, projects

## RELATIONSHIPS AND EMOTIONS

10 11 12

IDOE #7177 (REL EMO)

**F7177**

### **Year/2.0 Credits**

Prerequisite: Principles of Human Services

Content: Relationship & Emotions examines the key elements of healthy relationships. Explores the main problems that damage relationships. Presents research findings on successful and unsuccessful relationships, and emotional connections. Explores the impact of one's emotional and relationship history on current and future romantic relationships. Presents practical, scientific-based skills for improving relationships. Additionally, this course offers practical and useful information for people who have experienced loss. Students have the opportunity to evaluate their own experiences and attitudes toward loss and grief.

Activities: Projects, reflections, student-led activities

Out of Class Time Required: Varies

Evaluation: Assignments, tests, quizzes, projects





# Industrial Technology

## Industrial Technology Career Pathways CTE Concentrators

### CONSTRUCTION TRADES GRADUATION PATHWAY

9TH/10TH GRADE

Principles of Construction Trades

10TH/11TH GRADE

General Carpentry

11TH/12TH GRADE

Framing &amp; Finishing

12TH GRADE

Construction Trades

### ENGINEERING (PLTW) GRADUATION PATHWAY

9TH/10TH GRADE

Introduction to Engineering Design

10TH/11TH GRADE

Principles of Engineering

11TH/12TH GRADE

Civil Engineering &amp; Architecture

### PRECISION MACHINING GRADUATION PATHWAY

9TH/10TH GRADE

Principles of Precision Machining

10TH/11TH GRADE

Precision Machining Fundamentals

11TH/12TH GRADE

Advanced Precision Machining

12TH GRADE

Precision Machining

## INTRODUCTION TO ENGINEERING DESIGN

9 10 11 12

IDOE #4802 (INT ENG DES)

14802

**Year/2.0 Credits****This course can be taken for Dual Credit.**

**Content:** A fundamental pre-engineering course where students become familiar with the engineering design process. Students work both individually and in teams to design solutions to a variety of problems using industry standard sketches and current 3D design and modeling software to represent and communicate solutions. Students apply their knowledge through hands-on projects and document their work with the use of an engineering notebook. Student progress from completing structure activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Ethical issues related to professional practice and product development are also presented.

**Activities:** Students will use OnShape or Fusion 360 to take on the role of an engineer and produce a working prototype of a project with a 3D printer. Students will work on projects, activities, and problems that interest the student and have global and human impacts. Students will work in teams to design and improve products, document solutions, and communicate them to others.

**Out of Class Time Required:** One to two hours a week.

**Evaluation:** Students are evaluated through assessments, classwork, and the projects they create.

## PRINCIPLES OF ENGINEERING

10 11 12

IDOE #5644 (PRNC ENG)

15644

**Year/2.0 Credits****This course can be taken for Dual Credit.****Prerequisite:** Introduction to Engineering Design

**Content:** This course introduces students to engineering concepts that apply to many types of engineering. Students will develop technical skills through the use of engineering tools such as 3-D modeling software, hands-on prototyping equipment, programming software, and robotics hardware. Students apply the engineering design process to solve real-world problems across a variety of engineering fields such as mechanical, robotics, infrastructure, environmental sustainability, and product design and development.

**Activities:** Students work in teams and use modern technological processes, CAD software, robotics, and production systems in developing and presenting solutions to engineering problems. Topics include: Design and Problem Solving, Product Design, Material Properties, Structural Analysis, Sustainability and Renewable Energy, Transportation, Simple Machines, and Robotics

**Out of Class Time Required:** Varies**Evaluation:** Assessments, classwork and student created projects.

## CIVIL ENGINEERING AND ARCHITECTURE

11 12

IDOE #5650 (CIVIL ENG)

15650

**Year/2.0 Credits****Prerequisite:** Introduction to Engineering Design and/or Principles of Engineering

**Content:** Civil Engineering and Architecture introduces students to the fundamental design and development aspects of civil engineering and architectural planning activities. Application and design principles will be used in conjunction with mathematical and scientific knowledge. Computer software programs should allow students opportunities to design, simulate, and evaluate the construction of buildings and communities. During the planning and design phases, instructional emphasis should be placed on related transportation, water resource, and environmental issues. Activities should include the preparation of cost estimates as well as a review of regulatory procedures that would affect the project design.

**Activities:** Surveying, Residential Floor Plans, Elevations and Renderings, Electrical/Mechanical Drawings, House Design Prototypes, Commercial Structures, and Topographical Mapping.

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

Out-of-Class Time Required: One to three hours per week.

Evaluation: Students are evaluated through assessments, classwork, and the projects they create.

## PRINCIPLES OF PRECISION MACHINING

9 10 11 12

IDOE #7109 (PRIN PREC MACH)

17109

**Year/2.0 Credits**

**This course can be taken for Dual Credit.**

Content: Principles of Precision Machining will instruct students in shop safety, industrial terminology, tools and machine tooling, measurement, and layout. Includes laboratory exercises to begin project completion of turning, milling, and grinding applications. This course incorporates certification assessment for the National Institute of Metalworking Skills Measurement, Materials and Safety, Job Planning, Benchwork, and Layout Certification. Applies mathematics in solving engineering and design related problems in the areas of die design, fabrication, assembly, special machinery, die casting and molds. Emphasizes geometric dimensioning and applying tolerances.

Activities: Operation of: vertical mills, edge finders, end mills, center drills, drill bits, countersinks, taps, reamers, DROs (digital read outs), precision measurement devices, and develop process plans.

Out-of-Class Time Required: Varies

Evaluation: Assessments, classwork, and the projects

## PRECISION MACHINING FUNDAMENTALS

10 11 12

IDOE #7105 (MACH FUN)

17105

**Year/2.0 Credits**

**This course can be taken for Dual Credit.**

Prerequisite: Principles of Precision Machining

Content: Machining Fundamentals instructs students in shop safety, industrial terminology, and provides laboratory experience toward project completion on the conventional lathe, vertical and/or horizontal milling machine, and abrasive processing machines, including super abrasive technology processes. This course incorporates certification assessment for the National Institute of Metalworking Skills Manual Milling Certification.

Activities: Projects, group work, advanced concepts of welding

Out-of-Class Time Required: None

## ADVANCED PRECISION MACHINING

10 11 12

IDOE #7107 (ADV PREC MACH)

17107

**Year/2.0 Credits**

**This course can be taken for Dual Credit.**

Prerequisite: Principles of Precision Machining and Precision Machining Fundamentals

Content: Advanced Precision Machining will build upon the Turning and Milling processes learned in Precision Machining Fundamentals and will build a foundation in abrasive process machines. Students will be instructed in the classroom on topics of shop safety, theory, industrial terminology, and calculations associated with abrasives. Lab work will consist of the setup and operation of bench grinders and surface grinders. Additionally students will be introduced to Computerized Numeric Controlled (CNC) setup, operations and programming. This course prepares the student for the optional National Institute for Metalworking Skills (NIMS) Grinding I certification that may be required for college dual credit.

Activities: Projects, group work

Out-of-Class Time Required: None

Evaluation: Assessments, classwork, and projects

## PRINCIPLES OF CONSTRUCTION TRADES

9 10 11 12

IDOE #7130 (PRIN CON TR)

17130

**Year/2.0 Credits**

Content: Principles of Construction Trades covers the NCCER Core Curriculum and is a prerequisite to most other construction courses. Its modules cover topics such as basic safety, communication skills, and introduction to construction drawings; all basic skills needed to continue education in the construction program.

Semester 1: This course will offer hands-on activities and real-world experiences related to the skills essential in residential, commercial and civil building construction. The student will learn and apply knowledge of the care and safe use of hand and power tools as related to each trade. In addition, students are introduced to blueprint reading, applied math, basic tools and equipment, and safety. Students will learn how architectural ideas are converted into projects and how projects are managed during a construction project in this course.

Semester 2: Students will study construction technology topics such as preparing a site, doing earthwork, setting footings and foundations, building the superstructure, enclosing the structure, installing systems, finishing the structure, and completing the site. Students will also investigate topics related to the purchasing and maintenance of structures, special purpose facilities, green construction and construction careers.

Out-of-Class Time Required: Varies

Evaluation: Assessments, classwork, and the projects

## CONSTRUCTION TRADES: GENERAL CARPENTRY

10 11 12

IDOE #7123 (CON TRD GC)

17123

**Year/2.0 Credits**

Prerequisite: Principles of Construction Trades

Content: Construction Trades: General Carpentry covers the NCCER Carpentry Level 1. Its modules cover topics such as building materials, fasteners, adhesives, hand and power tools, introduction to construction drawings, specifications, layout, floor systems, wall systems, ceiling joist and roof framing, basic stair layout, and introduction to building envelope systems.

Activities: Projects, group work, advanced concepts of blueprint reading.

Out-of-Class Time Required: One to two hours per week.

## CONSTRUCTION TRADES: FRAMING AND FINISHING

10 11 12

IDOE #7122 (CON TRD FR FIN)

17122

### **Year/2.0 Credits**

Prerequisite: Principles of Construction Trades

Content: Construction Trades: Framing and Finishing prepares students with advanced framing skills along with interior and exterior finishing techniques. Topics include roofing applications, thermal and moisture protection, exterior finishing, cold-formed steel framing, drywall installation and finishing, doors and door hardware, suspended ceilings, window, door, floor, and ceiling trim, and cabinet installation.

Activities: Projects and group work

Out-of-Class Time Required: None

Evaluation: Assessments, classwork, and projects

# International Baccalaureate



The International Baccalaureate Diploma Program is a curriculum that balances subject breadth and depth, and considers the nature of knowledge across disciplines. The IB Diploma program encourages international-mindedness in IB students, starting with a foundation in their own language and culture. The IB courses are developed to create a positive attitude to learning that prepares students for the rigors of a university education. The IB Organization has gained a reputation for its rigorous external assessment with published global standards, making this a qualification welcomed by universities worldwide. The IB diploma program emphasizes the development of the whole student – physically, intellectually, emotionally and ethically.

## DIPLOMA CANDIDATE REQUIREMENTS

Diploma candidates must select one of the weighted-grade courses from each of six academic areas. At least three and no more than four must be HL (Higher Level—2 years). The remaining will be SL (Standard Level—1 year) courses.

Group 1: Language A: Literature – HL

Group 2: World Language B – SL (all four languages offer IB)

Group 3: History HL, Philosophy SL, Business and Management SL

Group 4: Biology HL, Biology SL, and Environmental Systems & Societies SL

Group 5: Math Applications & Interpretations SL

Group 6: Art HL or SL, Film HL or SL (or any of the above courses not already selected),

Theory of Knowledge: 1 credit class for full IB diploma candidates who have selected a class from each of the 6 groups. This class is held during a portion of the SRT block.

CAS: 1 credit class for full IB diploma candidates who have selected a class from each of the 6 groups. This class is held during a portion of the SRT block and alternates with TOK during junior and senior year.

All IB courses are taken in the junior and senior years. One Standard Level (SL) course may be scheduled and completed in Year 11 – not including World Language and Math.

All IB diploma students will also complete the extended essay to engage in independent research through an in-depth study of a question relating to one of the subjects they are studying.

## GROUP 1 – LANGUAGE AND LITERATURE

### IB LANGUAGE 1A: LITERATURE – HIGHER LEVEL

11

IDOE #1130 (IB ENG 1 HL)

ET1301

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisites: English 9 and English 10

IB English 1A is a two-year pre-university literature course designed to further develop reading comprehension and critical thinking skills. Students enter the program at the start of the junior year and continue to the completion of the senior year. This course examines four traditional literary genres: poetry, drama, critical essays, and the novel. Course completion will be measured through a variety of oral and written assessments that will be evaluated both internally and externally. Expectations for all class work are designed to be comparable to that of a university setting.

### IB LANGUAGE 2A: LITERATURE – HIGHER LEVEL

12

IDOE #1130 (IB ENG 2 HL)

ET1302

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

This is the second year of the IB Language 1A started in Grade 11. This course will continue to challenge students through in-depth analysis and interpretation of specific literary works. Emphasis will continue to be placed on developing analytical and independent thinking, writing, and speaking skills through the study of texts that reveal differing cultural viewpoints and underlying universal themes. The course is assessed through two written examination papers which make up 60% of the final grade. The HL essay makes up 20%. In addition, the student must complete one compulsory oral analysis of works studied, which constitutes the remaining 20% of the grade. An end-of-the-year assessment is administered and sent to the IB world organization for grading.

## GROUP 2 – LANGUAGE ACQUISITION

### IB WORLD LANGUAGE B – STANDARD LEVEL

12

IDOE #2308 (IB FRN SL / IB GER SL / IB JPN SL / IB SPAN SL)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**Level 5 Languages count as a Certificate Course.**

Prerequisites: World Language – Grades 9, 10, 11

Content: IB World Language B – SL is a second-language course designed for students with a high level of ability in a target language. The one-year course gives candidates from a wide variety of backgrounds the opportunity to reach a high level of competency in a second language by hearing, speaking, reading and writing in the target language. At the same time, the opportunity is provided to appreciate the range of issues generated by the study of language and culture. Students perform oral and written assessments to demonstrate their understanding of the culture related to the target language; their ability to express themselves in the language with clarity, coherence, and fluency; and their ability to engage in close, detailed and critical examination of a wide range of texts. The student's work is assessed by IBO through completion of two written examination papers which constitute 75% of the final grade. One of the written papers (25% of the total) is a 250-400 word written task assessing productive skills. The other paper is a receptive skills assessment including

**FRENCH (W230F4, W230F5) / GERMAN (W230G4, W230G5) / JAPANESE (W230J4, W230J5) / SPANISH (W230S4 / W230S5)**

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reading comprehension (50% of the total). The remaining 25% of the final grade is based on an individual oral exam performed in February or March of the final year of the course. The oral activity is recorded and assessed by the CHS teacher and moderated by the IB World Organization.

## GROUP 3 – INDIVIDUALS & SOCIETIES

### IB HISTORY 1 – HIGHER LEVEL

11

IDOE #1590 (IB HIST 1 HL)

U15901

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

The first year of this two-year IB course meets the Indiana U.S. History requirement while also including comparative studies of both Canada and Latin America. Year one topics include the Civil War and Reconstruction, the Civil Rights Movement and the Cold War. The required IB internal assessment paper is a historical investigation written in this first-year course, moderated by the IBO, and constitutes 20% of the score awarded by the IB World Organization.

### IB HISTORY 2 – HIGHER LEVEL

12

IDOE #1590 (IB HIST 2 HL)

U15902

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**Prerequisites:** IB History 1- HL

This second year of the IB History course focuses on three subjects. Students will perform an in-depth study on the reigns of Ghengis Khan and Richard the Lionheart. The remaining portion of the class will cover two subjects. First, the course will study the 'societies in transition' by looking at the West African Slave trade (1400- 1700) and the Spanish Inquisition (1500- 1700). Then the class will study independence movements by looking at the rise/rule of Kenya's Jomo Kenyatta and Ireland's Eamon De Valera.

**Activities:** Assignments will consist of examinations, papers, discussions, and in class projects. Students are required to sit for the three exam papers necessary for the IB diploma.

**Out-of-Class Time Required:** One to three hours per week.

### IB PHILOSOPHY – STANDARD LEVEL

11 12

IDOE #1602 (IB PHIL SL)

U1602

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**Certificate Course**

This one-year IB course may be taken in Grade 11 or Grade 12. The philosophy course provides an opportunity for students to engage with some of the world's most interesting and influential thinkers. It also develops highly transferable skills such as the ability to formulate arguments clearly, to make reasoned judgements and to evaluate highly complex and multifaceted issues. The emphasis of the DP philosophy course is on "doing philosophy", that is, on actively engaging students in philosophical activity. The course is focused on stimulating students' intellectual curiosity and encouraging them to examine both their own perspectives and those of others. Students are challenged to develop their skills through the study of philosophical themes and the close reading of a philosophical text. They also learn to apply their philosophical knowledge and skills to real-life situations and to explore how non-philosophical material can be treated in a philosophical way. Teachers explicitly teach thinking and research skills such as comprehension, text analysis, transfer, and use of primary sources.

The aim of the philosophy course is to engage students in philosophical activity, enabling them to: 1) develop an inquiring and intellectually curious way of thinking, 2) formulate arguments in a sound and purposeful way, 3) examine critically their own experiences and their ideological and cultural perspectives, 4) appreciate the diversity of approaches within philosophical thinking, and 5) apply their philosophical knowledge and skills to the world around them.

## GROUP 4 – SCIENCES

### IB BIOLOGY 1 – HIGHER LEVEL

11

IDOE #3032 (IB BIO 1 HL)

C30321

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**Prerequisites:** Biology 1 and Chemistry 1

The first year of this two-year course will focus on biochemistry, cell biology, molecular genetics, inheritance, evolution, and ecology. Students will have opportunities to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. The investigations will be laboratory based and will make use of simulations and data bases. Students will develop the skills to work independently on their own design, but also collegiately, to mirror the way in which scientific research is conducted in the wider community. There is an emphasis on a practical approach, as well as, through the overarching theme of the "Nature of Science" these knowledge and skills will be put into the context of the way science and scientists work in the 21st Century and the debates and limitations of a creative scientific endeavor.

### IB BIOLOGY 2 – HIGHER LEVEL

12

IDOE #3032 (IB BIO 2 HL)

C30322

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**Prerequisites:** IB Biology 1 HL

The second year of IB Biology HL will include concepts found in ecology, enzymes, metabolism, cell respiration, botany, photosynthesis, physiology and anatomy such as digestive, excretory, circulatory, respiratory, immune, nervous, muscular, skeletal, endocrine and reproductive systems.

Students will use the skills developed in the first year of the course to independently set up, carry out and report on a scientific experiment and complete a comprehensive laboratory investigation. This work constitutes 20% of the final IB grade. This work is internally assessed by a CHS teacher and externally moderated by the IB World Organization. Students will also collaborate with others to explore an interdisciplinary aspect of the sciences.

## IB ENVIRONMENTAL SYSTEMS & SOCIETIES – STANDARD LEVEL

11 12

IDOE #3016 (IB ENVSS SL)

**C3016**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

This one-year IB course may be taken in Grade 11 or Grade 12. Environmental Systems and Societies (ESS) is an interdisciplinary course offered only at standard level (SL). This course can fulfill either the individuals and societies (Group 3) or the sciences (Group 4) requirements. Students will be provided with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. Students will practice and use the skills learned to independently set up, carry out and report on a research question and complete a comprehensive analysis. This work constitutes 25% of the final IB grade. This work is internally assessed by a CHS teacher and externally moderated by the IB World Organization. Students will also collaborate with others to explore an interdisciplinary aspect of the sciences.

## GROUP 5 – MATHEMATICS

### IB MATHEMATICS: APPLICATIONS & INTERPRETATIONS – STANDARD LEVEL

12

IDOE #2592 (IB MATH A&I SL)

**M2592**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

Prerequisites: Algebra 2

The aim of Mathematics: Applications & Interpretations is to provide a course for students with varied backgrounds and abilities and to build confidence and encourage an appreciation of math in students who do not anticipate a need for theoretical math in college. The course concentrates on math that can be applied to real-world occurrences and everyday situations. Seven distinct areas of study include: Numbers and Algebra; Descriptive Statistics, Logic, Sets, and Probability; Statistical Applications; Geometry and Trigonometry; Mathematical Models; and Differential Calculus. Students entering this course should have a good understanding of algebra, geometry, and foundational trigonometry. This course is assessed through two end-of-course exams which comprise 80% of the final grade. Students must also complete a personal project. This project is an individual piece of work involving the collection of information and/or generation of measurements, and the analysis and evaluation of the information of measurements. This is 20% of the final grade and is assessed both internally by the teacher and externally by IBO.

## GROUP 6 – THE ARTS

### IB VISUAL ARTS – STANDARD LEVEL

11 12

IDOE #4092 (IB VIS ART SL)

**A4092**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**Certificate Course**

Prerequisites: Art Classes in Grades 9 and 10—Drawing 1 & 2 highly recommended or any first level courses with an additional second level to develop more in-depth skills. Interested students must make written application to the art department by April 14—applications available during the IB Art Show. Summer studio and investigative work is required.

Content: This one year or two year concentrated, rigorous curriculum considers the world of art from an aesthetic, imaginative, and creative point of view, with special focus on how art unites us as citizens of the world. Students will use research, aesthetic principles and comparative criticism to explore art production, processes, media and art genres.

Activities: A Visual Journal (sketchbook) that includes drawings, plans for projects, as well as research/notations about art, artists, cultures, with reflections, and reviews will be required as the foundation for all formal artwork as well as serve as a record/documentation of all activities. Students are expected to visit museums, galleries and exhibits, and interview/observe artists at work.

Out-of-Class Time Required: Eight to ten hours per week.

Evaluation: Through their independent studio work, students will compile a portfolio of well-developed artwork for evaluation by IB examiners, which could result in college credit. Further evaluation and recognition will be displayed in a year-end art exhibit, organized and produced by all IB/ Advanced Art Senior portfolio students.

### IB VISUAL ARTS – HIGHER LEVEL

11 12

IDOE #4090 (IB VIS ART 1 HL / IB VIS ART 2 HL)

**A40901 (11) / A40902 (12)**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**Certificate Course**

Please see IB Visual Arts SL for course description.

### IB FILM – STANDARD LEVEL

11 12

IDOE #4272 (IB FILM SL)

**A4272**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**Certificate Course**

This one-year course may be taken in Grade 11 or Grade 12. The film syllabus consists of the following core areas: Reading film, contextualizing film, exploring film production roles, and collaboratively producing film. These core areas have been designed to fully connect with each of the four major IB assessment tasks: 1) The textual analysis requires students to study and write a detailed analysis of a five-minute film extract from a prescribed list. 2) For the comparative study, students carry out research into a chosen area of film focus, identifying and comparing two films from within that area and presenting their discoveries as a recorded multimedia comparative study. 3) Throughout the course of their studies, students will undertake a variety of filmmaking exercises in three film production roles, led by clearly defined filmmaker intentions. They acquire and develop practical skills and techniques



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through participation in film exercises, experiments and the creation of at least one completed film. Students will create a film portfolio consisting of 3-9 portfolio pages and film reel documenting their activities.

Activities: Textbook and in-class assignments, presentations, the internal assessment project, and exams

Out-of-Class Time Required: One to two hours per week, depending on the assignments.

Evaluation: Daily assignments, presentations, exercises, and projects

## IB FILM – HIGHER LEVEL

11 12

IDOE #4270 (IB FILM HL YR 1 / IB FILM HL YR 2)

**A42701 (11) / A42702 (12)**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

### Certificate Course

This two-year course must be taken in Grades 11 and 12. The film syllabus consists of the following core areas: Reading film, contextualizing film, exploring film production roles, and collaboratively producing film. These core areas have been designed to fully connect with each of the four major IB assessment tasks: 1) The textual analysis requires students to study and write a detailed analysis of a five-minute film extract from a prescribed list. 2) For the comparative study, students carry out research into a chosen area of film focus, identifying and comparing two films from within that area and presenting their discoveries as a recorded multimedia comparative study. 3) Throughout the course of their studies, students will undertake a variety of filmmaking exercises in three film production roles, led by clearly defined filmmaker intentions. They acquire and develop practical skills and techniques through participation in film exercises, experiments and the creation of at least one completed film. Students will create a film portfolio consisting of 3-9 portfolio pages and film reel documenting their activities. 4) Bringing together all they have encountered during the film course, students at HL work collaboratively in a core production team to plan and create an original completed film and project report.

Activities: Textbook and in-class assignments, presentations, the internal assessment project, and exams

Out-of-Class Time Required: One to two hours per week, depending on the assignments.

Evaluation: Daily assignments, presentations, exercises, and projects

## THEORY OF KNOWLEDGE

### IB THEORY OF KNOWLEDGE

11

IDOE #0560 (IB TOK 11)

**Y05601**

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

All IB Diploma Program candidates will be enrolled in this required two semester course. Theory of Knowledge is a thoughtful exploration into universal truth. This course requires collaboration and scholarly thinking. Students will explore two questions: what is knowledge, and how do we know what we know? This exploration will center on the “Areas of Knowledge” which include: History, Mathematics, Natural Science, Human Science, and Art. Through the examination of these areas of knowledge, students will determine if a given assertion is true, or a given judgment is sound. Juniors will reflect on knowledge from an international, interdisciplinary perspective, using discussion, journals, presentations, and reflections to share their ideas with their classmates and instructor. This is also when the Extended Essay is introduced.

### IB THEORY OF KNOWLEDGE

12

IDOE #0560 (IB TOK 12)

**Y05602**

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

This second semester of Theory of Knowledge completes the IB course. Seniors will continue their study from an international, interdisciplinary perspective. Seniors will complete two formal assessments: a 1200-1600 word essay written on one of several prescribed prompts from IB which are new each year, and also an exhibition which showcases three artifacts that display how TOK ideas manifest in the real world. There will also be official meetings and reflections during this semester. The essay is sent to be graded externally, and the exhibition is graded internally. The official TOK grade comes from these two assessments. The Extended Essay will also be completed during this semester. The official TOK and EE grade determine how many bonus points students will receive towards their IB diploma.

## ADDITIONAL IB COMPONENTS

(THESE ARE NOT ADDITIONAL CLASSES)

### CAS

To accumulate the required creativity, action, and service points for the IB Diploma Program, all IB students will be assigned a common student resource time (SRT) with the CAS supervisor. This is not an extra class, but rather an opportunity to coordinate service projects and group activities with an international focus and provide an opportunity for IB instructors to meet from time to time to work with the IB diploma candidates.

### EXTENDED ESSAY

Completion of the IB Diploma requires students to investigate a topic of special interest and develop a 4000-word essay with the expertise of a subject area mentor and an Extended Essay coordinator who will offer guidance in the development of the essay. This is not a class. Limited direction will be provided in both Theory of Knowledge and through SRT time. This essay encourages students to deepen their program of study or broaden their knowledge base. The essay is externally graded by the IB world organization. In addition, students write three reflections (500 word limit) throughout the process.

## CERTIFICATE ONLY COURSES

Students interested in selecting one of the IB courses listed below as an elective may do so without enrolling in the IB Diploma Program. These courses are only available to 11th and 12th grade students. Students enrolled in these courses as electives must follow all of the course requirements, including taking the IB exam or other assessment in the spring. At the end of the school year the student will be awarded an IB Certificate for their successful completion of the course. Please see the course descriptions for additional information about the specific requirements for each Certificate course.

IB Film – SL  
IB Film – HL  
IB French – SL

IB German 5 – SL  
IB Japanese 5 – SL  
IB Philosophy – SL

IB Spanish 5 – SL  
IB Visual Arts – HL  
IB Visual Arts – SL



# Mathematics

## GUIDELINES

All weighted grades need to be a C- or above to receive the additional point.

- All students are required to have six to eight credits in mathematics for graduation. Students must have a Quantitative Reasoning class during their Senior year.
- Algebra 1 taken in 8th grade counts towards an Academic Honors Diploma.
- Students who fail the fall semester of a year course will repeat the course through Edmentum in a Credit Recovery class. Students who fail the spring semester of any year course are encouraged to take the failed semester in summer school.
- A student desiring to enroll in a class for which he/she has not met the prerequisite must have special permission from the Department Chairperson before enrolling.
- Students enrolled in an Algebra I Honors class their freshman year and who intend to enroll in Calculus during their senior year should enroll in Geometry Honors and College Algebra GT during their sophomore year. Teacher recommendation is required as well as approval of the department head.
- Students must satisfy the Core 40 Requirements which are to pass Algebra 1, Geometry, and either Algebra 2 or College Algebra to be considered for enrollment in a four-year college in Indiana.

## Mathematics Course Progression Chart

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Algebra 1	Geometry	Algebra 2	Quantitative Reasoning (DC)
Algebra 1 Honors	Geometry Honors	Analytical Algebra 2	Finite (DC)
Algebra 1 Intensive	Algebra 2	Finite Honors (DC)	AP Statistics
Geometry	AP Precalculus (DC)	AP Precalculus (DC)	Finite Honors (DC)
Geometry Honors	College Algebra Honors (DC)	Pre-Calculus: Algebra (DC)	AP Calculus AB
		College Algebra Honors (DC)	Pre-Calculus: Algebra (DC)
		Pre-Calculus: Trigonometry (DC)	AP Calculus BC
		Pre-Calculus: Trigonometry Honors (DC)	Pre-Calculus: Trigonometry (DC)
		AP Statistics	IB Mathematics A&I SL
		AP Calculus AB	Pre-Calculus: Trigonometry Honors (DC)
<p>AP Stats taken Junior Year is not a prerequisite for any class. It is generally taken in conjunction with one of the other choices for junior year math that has a pathway to other classes.</p>		<p><b>DUAL CREDIT DISCLAIMER</b> Please note that all Dual Credit courses at Chesterton High School are subject to change pending student registration with the college/university and/or teacher accreditation.</p>	
FULL YEAR COURSE	SEMESTER COURSE		

### ALGEBRA I

9 10 11 12

IDOE #2520 (ALG I)

**Year/2.0 Credits**

**M2520**

**This course counts towards an Academic Honors Diploma.**

**Prerequisite:** Eighth grade mathematics teacher recommendation. Final placement in the course is to be determined by the high school based on available information.

**Content:** Basic operations on algebraic expressions containing variables, solving equations and inequalities, graphing in a coordinate plane, and radicals. Emphasis is on application of algebraic techniques to the solution of word problems.

**Activities:** Lectures and discussion of assigned materials.

**Out-of-Class Time Required:** A minimum of two to three hours per week.

**Evaluation:** Performance on tests, assignments, and quizzes.

## ALGEBRA 1 HONORS

9 10 11 12

**M2520H**

IDOE #2520 (ALG 1 HON)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Final placement in the course is to be determined by the high school based on available information. Students cannot waiver into this class.  
Content: Basic operations on algebraic expressions containing variables, solving equations and inequalities, solving absolute value equations and inequalities, solving compound inequalities, solving literal equations, graphing in the coordinate plane including linear and quadratics, solving and graphing systems in two and three variables, operations with rational expressions, and properties of radicals. Higher emphasis on application of algebraic techniques to the solution of word problems. Participation in math contests is expected.

Activities: Independent study, collaboration with peers, lectures, and classroom discussion of assigned material.

Out-of-Class Time Required: A minimum of two to three hours per week.

Evaluation: Performance on tests, assignments, and quizzes.

## ALGEBRA 1 INTENSIVE

9

**M2520I**

IDOE #2520 (ALG 1 INT)

**Year/2.0 Credits toward Math requirement**

**Plus 2.0 Credits of Math elective = 4 Credits Total**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: This course is open to freshmen only based on recommendations of eighth grade teachers and PSAT & NWEA scores. Students will be selected for this course who have some difficulty with college bound math.

Content: The content of this course will be the same as the content of Algebra 1. This class will meet every day for the entire year. Includes basic operations on algebraic expressions containing variables, solving equations and inequalities, graphing in the coordinate plane, and radicals. Plus, emphasis on application of algebraic techniques to the solution of word problems. Because this class will meet every day, more time can be allowed for the review of computational skills and the understanding of the algebra concepts.

Activities: Lectures and discussion of assigned materials.

Out-of-Class Time Required: A minimum of one hour per week.

Evaluation: Performance on tests, assignments, and quizzes.

## GEOMETRY

10 11 12

**M2532**

IDOE #2532 (GEOM)

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Algebra 1 or Algebra 1 Honors or with teacher recommendation. Students may waiver into this class provided the prerequisite has been met.

Content: Euclidean geometry; parallelism, congruence, similarity, deductive proof, area, volume, and coordinate geometry.

Activities: Lectures and classroom discussions of assigned material.

Out-of-Class Time Required: Minimum of one hour per week.

Evaluation: Performance on tests, quizzes, and assignments.

## GEOMETRY HONORS

9 10

**M2532H**

IDOE #2532 (GEOM HON)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Algebra 1 or Algebra 1 Honors with teacher recommendation. Students should have a minimum of B in Algebra 1 Honors or an A in Algebra 1.  
Content: For students who have completed Algebra 1 and wish to pursue a normal college prep curriculum. The course includes topics of Euclidean geometry; parallelism, congruence, similarity, strong focus on deductive proofs, area, volume, and coordinate geometry.

Activities: Lectures, classroom discussions of assigned material, collaboration with peers, warm-up activities

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## COLLEGE ALGEBRA HONORS

10 11

**M2522H**

IDOE #2522 (COLLEGE ALG HON)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Geometry, Geometry Honors or Geometry GT with teacher recommendation. Should have a minimum grade of C- in Geometry GT. Should have a minimum grade of B- in Geometry Honors. Should have a minimum grade of A in Geometry.

Content: For students who have completed Geometry and wish to pursue the normal college prep curriculum. This course presents an in-depth study of functions, quadratic, polynomial, radical, and rational equations, radicals, complex numbers, systems of equations, exponential and logarithmic functions, and trigonometry. A student owned graphing calculator is optional, but a scientific calculator is necessary.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## ADVANCED PLACEMENT PRECALCULUS

10 11

IDOE #2563 (AP PRE CALC)

**M2563**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: Geometry Honors or Geometry GT with teacher recommendation. Algebra 1 Honors only when taken concurrently with Geometry GT with teacher recommendation and prior approval from department head.

Content: For students who have completed Geometry and wish to pursue the normal college prep curriculum. This course presents an in-depth study of functions, quadratic, polynomial, radical, and rational equations, radicals, complex numbers, systems of equations, exponential and logarithmic functions, and trigonometry. Enrichment topics will also be explored. A student owned graphing calculator is optional, but a scientific calculator is necessary. Projects involving connections to Physics and Calculus will be done throughout the year. Students will be prepared to take AP Calculus by the end of the year.

Activities: Lectures and classroom discussions of assigned materials.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## ALGEBRA 2

11 12

IDOE #2522 (ALG II)

**M2522**

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Geometry

Content: For students who wish to pursue a normal college prep curriculum in topics not including Math. Topics selected from the same material as College Algebra, but without the Trigonometry. (This course fulfills the prerequisites for Finite/ Pre-Calculus/Trig). A student owned graphing calculator is optional, but a scientific calculator is necessary.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## ANALYTICAL ALGEBRA 2

11 12

IDOE #2524 (ANA ALG II)

**M2524**

**Year/2.0 Credits**

Prerequisite: Algebra 1, Algebra 1 Honors, or Geometry with teacher recommendation. If students use this course to fulfill this credit, the parent and student must sign a consent form notifying the parent and the student that enrollment in Analytical Algebra 2 may affect the student's ability to attend a particular post-secondary educational institution or enroll in a particular course at a particular post-secondary educational institution because Analytical Algebra 2 may not align with academic requirements established by the post-secondary educational institution.

Content: This course builds on previous work from Algebra 1, such as linear, quadratic, and exponential functions, to include polynomial, rational, radical, logarithmic, and other functions. Furthermore, data analysis, statistics, and probability will be covered throughout the course. A greater focus will be on applications such as business, finance, science, career and technical education, and social sciences. This course is not intended for those students planning to pursue a STEM degree at a four-year institution.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Performance on tests, quizzes, projects, and assignments.

## PRE-CALCULUS: ALGEBRA

11 12

IDOE #2564 (PRECAL ALG)

**M2564**

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Algebra 2; Students who have obtained College Algebra dual credit cannot receive dual credit for this course.

Content: Algebra extends the foundations of algebra and functions developed in previous courses to new functions, including exponential and logarithmic functions, and to sequences and series. The course provides students with the skills and understandings that are necessary for advanced manipulation and angles and measurement. Pre-Calculus: Algebra is made up of five strands: Functions; Quadratic, Polynomial, and Rational Equations and Functions; Exponential and Logarithmic Functions; Sequences and Series; and Conics. The course is designed for students who expect math to be a major component of their future college and career experiences, and as such it is designed to provide students with strong foundations for calculus and other higher-level math courses. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Activities: Lectures and classroom discussion of assigned materials.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments

## ADVANCED PLACEMENT STATISTICS

11 12

**M2570**

IDOE #2570 (AP STAT)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: AP Precalculus or College Algebra Honors or Trigonometry or Algebra 2 with a minimum grade of "C" and teacher recommendation. Students may not waiver into this class. Students may be enrolled in Pre-Calculus or a Calculus AB/BC concurrently with AP Statistics. Students must have a signed AP contract on file

Content: Designed to prepare students to take the AP Statistics Exam. The course emphasizes exploring data, sampling and experimentation, anticipating patterns and statistical inference. The course follows closely the syllabus provided by the College Entrance Examination Board for the AP Statistics Examination. It is expected that the students will take the AP Exam in mid-May.

Activities: Lectures and classroom discussions of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, assignments and semester project(s).

## FINITE MATHEMATICS

11 12

**M2530**

IDOE #2530 (FINITE)

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: College Algebra Honors, College Algebra GT, or Algebra 2 with teacher recommendation.

Content: Finite is designed for students who will undertake higher-level mathematics in college that may not include Calculus. There are five main strands that make up finite math: sets, matrices, networks, optimization, and probability. The course contains many real-world business applications.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## FINITE MATHEMATICS HONORS

11 12

**M2530H**

IDOE #2530 (FINITE HON)

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: College Algebra Honors or College Algebra GT with a minimum grade of a B and teacher recommendation. Students cannot waiver into this class.

Content: Finite is designed for students who will undertake higher-level mathematics in college that may not include Calculus. There are five main strands that make up finite math: sets, matrices, networks, optimization, and probability. The course contains many real-world business applications. In addition, to prepare students to take AP Calculus AB, some topics relating to algebraic functions will be covered. These additional topics help meet the prerequisite material for successful completion of calculus.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## PRE-CALCULUS: TRIGONOMETRY

11 12

**M2566**

IDOE #2566 (PRECAL TRIG)

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: College Algebra GT, College Algebra Honors or Algebra 2 with teacher recommendation.

Content: Designed for students who have successfully completed three years of college preparatory math. Consists of a full semester devoted to trigonometry and trigonometric related topics. These topics include: The Unit Circle; Triangles; Periodic Functions; Identities; Polar Coordinates and Complex Numbers; and Vectors. Student owned scientific calculators are necessary.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## PRE-CALCULUS: TRIGONOMETRY HONORS

11 12

**M2566H**

IDOE #2566 (PRECAL TRIG H)

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: College Algebra GT or College Algebra Honors with a minimum grade of a B and teacher recommendation. Students cannot waiver into this class.

Content: Designed for students who have successfully completed three years of college preparatory math. Consists of a full semester devoted to trigonometry and trigonometric related topics. These topics include: The Unit Circle; Triangles; Periodic Functions; Identities; Polar Coordinates and Complex Numbers; and Vectors. Student owned graphing calculator is optional, but a scientific calculator is necessary. This course is also intended for students who plan to AP Calculus AB. Additional topics to further prepare students for calculus will be explored. These topics include algebraic func-

tions and additional transcendental functions.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## QUANTITATIVE REASONING

12

IDOE #2550 (QUANT REAS)

**M2550**

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Algebra 2, Analytical Algebra 2, Finite, or Pre-Calculus/Trig with teacher recommendation.

Content: Quantitative Reasoning is focused on the study of numeracy, ratio and proportional reasoning, modeling, probabilistic reasoning to assess risk, and statistics. Students will build on prior mathematical knowledge to tackle real-world applications. Technology is a large component of this course.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

## ADVANCED PLACEMENT CALCULUS AB

11 12

IDOE #2562 (AP CALC AB)

**M2562**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: Pre-Calculus Honors with a minimum grade of B or College Algebra GT, College Algebra Honors, or Precal Algebra/Precal Trig with teacher recommendation.

Content: Designed to prepare students to take the AP Calculus AB Exam. The course emphasizes working with polynomial, trigonometric, logarithmic, and exponential functions, and includes graphing, differentiation of and integration of these functions. The course follows closely the syllabus provided by the College Entrance Examination Board for the AP Calculus Examination. It is expected that students will take the AP Exam in mid-May.

Activities: Lectures and classroom discussion of assigned materials.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and daily assignments.

## ADVANCED PLACEMENT CALCULUS BC

12

IDOE #2572 (AP CALC BC)

**M2572**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: Calculus AB with a minimum grade of C and teacher recommendation. Students may not waiver into this class.

Content: Designed to prepare students to take the AP Calculus BC Exam. The course emphasizes working with parametric, polar and vector functions and includes graphing, differentiation of and integration of these functions. The course follows closely the syllabus provided by the College Entrance Examination Board for the AP Calculus Examination. It is expected that students will take the AP Exam in mid-May. Participation in various math contests is also expected.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Performance on tests, quizzes, and daily assignments.

## IB MATHEMATICS: APPLICATIONS AND INTERPRETATIONS – STANDARD LEVEL

12

IDOE #2592 (IB MATH A&I SL)

**M2592**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.





# Performing Arts

## BEGINNING CHORUS – CONCERT CHOIR [MIXED]

9 10 11 12

IDOE #4182 (CONCERT CHOR)

N4182

**Year/2.0 Credits****This course counts towards an Academic Honors Diploma.**Prerequisite: Audition encouraged but membership available to any student in grades 9–12.Content: A Concert Choir for students who seek an introductory level experience in high school choral music. Primarily intended for freshman and sophomore vocalists, but junior and senior students may be enrolled per instructor's approval. In addition to preparing music for performances, members of this ensemble focus upon learning the elements of music and developing basic skills in music literacy. This involves daily practice, in-class written work, and occasional part testing.Activities: Singing in small and large groups, as well as public performance.Out-of-Class Time Required: Individual practice; four concerts per year: Fall, Holiday, Spring and Spring Revue; ISSMA performance events and pre-concert dress rehearsals.Evaluation: Vocal proficiency, student motivation, classroom participation and written work. **All rehearsals and performances are a mandatory part of the class.**

## INTERMEDIATE CHORUS – BEL CANTO [TREBLE]

9 10 11 12

IDOE #4186 (BEL CANTO)

N4186B

**Year/2.0 Credits****This course counts towards an Academic Honors Diploma.**Prerequisite: Membership by audition only. This ensemble (Bel Canto) is designed for students who seek an accelerated experience in choral music. This class is designed for treble voiced singers grades 10–12. Freshmen may be enrolled per the instructor's approval.Content: In addition to preparing music for performances, members of this ensemble focus upon learning the elements of music and developing basic skills in music literacy. This involves daily practice, in-class written work and occasional part testing.Activities: Singing in small and large groups, as well as public performance.Out-of-Class Time Required: Individual practice; performance in 4 concerts per year – Fall, Holiday, Spring and Spring Revue, plus ISSMA performance events and pre-concert dress rehearsals.Evaluation: Vocal proficiency, student motivation, classroom participation and written work. **All rehearsals and performances are a mandatory part of the class.**

## ADVANCED CHORUS – CAMERATA [MIXED]

10 11 12

IDOE #4188 (CAMERATA)

N4188C

**Year/2.0 Credits****This course counts towards an Academic Honors Diploma.**Prerequisite: Membership by Audition only; this ensemble (Camerata) is designed for students who seek an accelerated experience in choral music. This class is designed for all singers – junior and seniors. Freshmen and sophomores may be enrolled per the instructor's approval.Content: In addition to preparing music for performances, members of this ensemble focus upon learning the elements of music and developing basic skills in music literacy. This involves daily practice, in-class written work, and occasional part testing. Students in grades 9–12 are invited to audition for participation in this ensemble.Activities: Singing in small and large groups, as well as public performances.Out-of-Class Time Required: Individual practice; members of this group perform in 4 concerts per year – Fall, Holiday, Spring and Spring Revue, plus ISSMA performance events and pre-concert dress rehearsals.Evaluation: Vocal proficiency; student motivation, classroom participation and any written work. **All rehearsals and performances are a mandatory part of the class.**

## ADVANCED CHORUS – DRIFTERS [SHOW CHOIR]

9 10 11 12

IDOE #4188 (DRIFTERS)

N4188D

**Year/2.0 Credits****This course counts towards an Academic Honors Diploma.**Prerequisite: Membership by Audition OnlyContent: This course will focus upon the in-depth study of advanced vocal technique and music literacy skills as well as training in the art of live vocal entertainment. A wide variety of repertoire will be studied throughout the year to encourage further musical growth, including: traditional choral selections, commercial music, and various other types of repertoire.Activities: Singing in small and large groups, occasional journaling/writing assignments, numerous public performances and competitions throughout the school year.Out-of-Class Time Required: Five concerts, after school rehearsals, competitions, organizational contest, and individual practice time.Evaluation: Classroom participation, vocal proficiency, student motivation, and written work. **All rehearsals and performances are a mandatory part of the class.**

## ADVANCED CHORUS – SANDPIPERS [SHOW CHOIR]

9 10 11 12

IDOE #4188 (SANDPIPERS)

N4188S

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Membership by Audition Only

Content: This course will focus upon the in-depth study of advanced vocal technique and music literacy skills as well as training in the art of live vocal entertainment. A wide variety of repertoire will be studied throughout the year to encourage further musical growth, including: traditional choral selections, commercial music, and various other types of repertoire.

Activities: Singing in small and large groups, occasional journaling/writing assignments, numerous public performances and competitions throughout the school year.

Out-of-Class Time Required: Five concerts, after school rehearsals, competitions, organizational contest, and individual practice time.

Evaluation: Classroom participation, vocal proficiency, student motivation, and written work. **All rehearsals and performances are a mandatory part of the class.**

## DANCE CHOREOGRAPHY: MARCHING UNIT [COLOR GUARD]

9 10 11 12

IDOE #4142 (MARCH UNIT)

N41421

**Semester 1/1.0 Credit**

Prerequisite: Audition Only

Content: Instruction in precision drill, auxiliary equipment techniques, and basic dance work.

Activities: Performs with Trojan Guard Marching Band

Out-of-Class Time Required: At least 4/5 home football games, local and national parades, field show contests, individual practice time and ensemble rehearsal: 2 evening practices per week (3 hours each) and Saturday rehearsals prior to departure for competitions during the marching season (First Quarter).

Evaluation: Motivation, participation, proficiency in drill, equipment work, and basic dance work. **All rehearsals and performances are a mandatory part of the class.**

## DANCE CHOREOGRAPHY: COMPETITIVE UNIT [WINTER GUARD]

9 10 11 12

IDOE #4142 (COMP UNIT)

N41422

**Semester 2/1.0 Credit**

Prerequisite: Marching Unit Semester 1 / Audition Only

Content: Instruction in advanced drill, auxiliary equipment techniques, and dance work.

Activities: Competes during the Winter Guard season (Jan-April) in Midwest Color Guard Circuit and IHSCGA events throughout Indiana, Illinois, Wisconsin, as well as Winter Guard International Regional and National level competitions throughout the United States.

Out-of-Class Time Required: Evening rehearsals and weekend competitions.

Evaluation: Motivation, participation, and proficiency at advanced skills. **All rehearsals and performances are a mandatory part of the class.**

## INTERMEDIATE CONCERT BAND [SYMPHONIC BAND]

9 10 11 12

IDOE #4168 (INT BAND)

N4168

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Band is a year long course; enrollment in two semesters of band is mandatory.

Content: Improving playing technique through the use of study exercises and preparation of concert and contest literature.

Activities: Playing in large and small ensembles or as a soloist, counting and writing rhythmic passages, and performing in public concerts. Preparation of many concerts and performances as well as many after school rehearsals throughout the year.

Out-of-Class Time Required: At least four concerts, several additional performances, and many rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for concerts.

Evaluation: Performance proficiency in playing, student motivation, and participation. **All rehearsals and performances are a mandatory part of the class.**

## ADVANCED CONCERT BAND [WIND ENSEMBLE]

9 10 11 12

IDOE #4170 (ADV BAND)

N4170

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Band is a year long course; enrollment in two semesters of band is mandatory.

Prerequisite: By audition only; demonstration of advanced skills on a wind instrument.

Content: Improving instrumental playing technique through the use of etude studies and the preparation of concert and contest literature. Wide range of advanced wind literature for the student whose ability and interest are equal to the challenging demands of the work.

Activities: Playing in small and large ensembles and performing in public concerts. Preparation of many concerts and performances as well as many after school rehearsals throughout the year.

Out-of-Class Time Required: At least four concerts, several additional performances, and many rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for concerts.

Evaluation: Performance proficiency in playing, student motivation, and participation. **All rehearsals and performances are a mandatory part of the class.**

## JAZZ ENSEMBLE

9 10 11 12

IDOE #4164 (JAZZ ENS)

N4164

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: By audition only; enrollment in one of the concert ensembles (band, orchestra) is mandatory. Pianists and guitarists are the exception to concert ensemble enrollment.

Content: Study of the various jazz art forms, improvisation, and development of music reading skills. Wide range of advanced jazz literature for the student whose ability and interest are equal to the challenging demands of more serious work.

Activities: Public performances, contests, and music festivals.

Out-of-Class Time Required: After school rehearsals for a minimum of at least four (4) prior to performances, and a one hour sectional each week. Performances include: Fall Concert, Holiday Concert, ISSMA Jazz Festival, "All That Jazz" Spring Concert, and several Jazz Festivals.

Evaluation: Performance proficiency in playing, student motivation, participation. **All rehearsals and performances are a mandatory part of the class.**

## INTERMEDIATE INSTRUMENTAL ENSEMBLE [SYMPHONIC BAND PERCUSSION]

9 10 11 12

IDOE #4162 (INT INSTR ENS)

N41621

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: By audition only; demonstration of skills on percussion instruments. Percussion is a year-long course; enrollment in two semesters is mandatory.

Content: Improving playing technique through the use of etude and ensemble exercises in preparation of concert literature. Wide range of exciting and engaging wind and percussion literature for the student.

Activities: Playing in large and small ensembles or as a soloist, counting and writing rhythmic passages, and performing in public concerts. Preparation of many concerts and performances as well as many after school rehearsals throughout the year.

Out-of-Class Time Required: At least four concerts, several additional performances, and many rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for concerts.

Evaluation: Performance proficiency in playing, student motivation, participation. **All rehearsals and performances are a mandatory part of the class.**

## ADVANCED INSTRUMENTAL ENSEMBLE [WIND ENSEMBLE PERCUSSION]

9 10 11 12

IDOE #4162 (ADV INSTR ENS)

N41622

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: By audition only; demonstration of advanced skills on percussion instruments. Percussion is a year-long course; enrollment in two semesters is mandatory.

Content: Students will improve instrumental playing technique through the use of etude and ensemble studies in preparation of concert and contest literature. Wide range of advanced wind and percussion literature for the student whose ability and interest are equal to the challenging demands of the work.

Activities: Playing in large and small ensembles or as a soloist, counting and writing rhythmic passages, and performing in public concerts. Preparation of many concerts and performances as well as many after school rehearsals throughout the year.

Out-of-Class Time Required: At least four concerts, several additional performances, and many rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for concerts.

Evaluation: Performance proficiency in playing, student motivation, participation. **All rehearsals and performances are a mandatory part of the class.**

## INTERMEDIATE ORCHESTRA [CONCERT ORCHESTRA]

9 10 11 12

IDOE #4172 (INT ORCH)

N4172

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Audition only.

Content: Improving playing technique through the use of study exercises and concert/contest literature.

Activities: Playing in large and small ensembles or as a solo, counting and writing rhythmic passages, and performing in public concerts.

Out-of-Class Time Required: Minimum of four concerts, Rehearsals in preparation for the ISSMA Solo & Ensemble Contest. After school rehearsals prior to the Holiday Concert, as well as the ISSMA Organizational Contest.

Evaluation: Performance proficiency in playing, rhythmic counting, and participation. **All rehearsals and performances are a mandatory part of the class.**

## ADVANCED ORCHESTRA [SYMPHONY STRINGS]

9 10 11 12

IDOE #4174 (ADV ORCH)

N4174

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Audition only.

Content: Improving playing technique through the use of study exercises and concert/contest literature.

Activities: Playing in large and small ensembles or as a solo, counting and writing rhythmic passages, and performing in public concerts.

Out-of-Class Time Required: Minimum of four concerts, Rehearsals in preparation for the ISSMA Solo & Ensemble Contest. After school rehearsals prior

to the Holiday Concert, as well as the ISSMA Organizational Contest.

Evaluation: Performance proficiency in playing, rhythmic counting, and participation. **All rehearsals and performances are a mandatory part of the class.**

## MUSIC THEORY AND COMPOSITION

11 12

IDOE #4208 (MUS THEORY)

**N4208**

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: All students must obtain permission to enroll from instructor.

Content: First Semester: Keyboard familiarity, ear training, chord construction, interval identification and construction, fundamental part writing and arranging skills intended to develop skills necessary in the study of instrumental and/or vocal music.

Second Semester: Detailed study of the components of musical composition and style, with emphasis on modern harmonies. Through analysis and historical study, offers a foundation for further musical study in college. Students will progress into second semester music theory based on first semester performance assessment by the instructor.

Activities: Ear training, sight singing, part writing, listening to and reading music, music arranging, composition, lectures, discussion.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Participation in class activities, written class work, performance on tests and projects.

## INSTRUMENTAL ENSEMBLE [GUITAR]

11 12

IDOE #4162 (GUITAR)

**N4162G**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: A desire to learn to play the guitar, no previous guitar playing experience.

Content: Learning the basic techniques of guitar playing and rudiments of music. This class is for those who have never played the guitar before.

Activities: written work, technique exercises, occasional journaling/writing assignments, self-guided practice on assigned pieces of music.

Out-of-Class Time Required: One hour of written work from a workbook.

Evaluation: Performance proficiency in playing, written work, final project, student motivation and participation.

# Physical Education & Health

## GUIDELINES

All students are required to take 2 semesters of Physical Education (1 Semester = 1 Credit). Students must sign up for one of the following:

### CHOICE 1:

One (1) Semester of Physical Education 1 AND One (1) Semester of Physical Education 2

### CHOICE 2:

Two (2) Semesters of Performance Physical Education

**NOTE: The above requirements are established by the State of Indiana and cannot be waived by the school.**

## PHYSICAL EDUCATION 1

9 10 11 12

IDOE #3542 (PHYS ED I)

**P3542**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: This course is designed to meet the Indiana State requirements for graduation. Within this course students will participate in recreational activities and games that will enhance the students physical well being. This is a semester-long course and meets ½ of the state requirement for Physical Education. In order to meet the one year minimum PE requirement students will complete both PE1 and PES.

Activities: May consist of, but not limited to, Ultimate Frisbee, Frisbee Golf, Soccer, LaCrosse, Tennis, PickleBall, Mushball (Softball), Kickball, Fitness Runs, Basketball, Floor Hockey, Badminton, Ping Pong, Bowling, Volleyball, Flag Football, Relays, CrossFit Training, Obstacle Course Participation, Track and Field Events, Circuit Training or Fitness Games

Out-of-Class Time Required: None, except for make-up time due to an absence.

Evaluation: Can include, but not limited to, participation, attitude, daily effort, accomplishment on skills tests and written exams covering the Health and Skill related Components of Fitness. A student's knowledge of the Benefits of Exercise will also be assessed. E-Learning Day assignments, personal fitness plans and preparedness for class are also all components that will be assessed.

## PHYSICAL EDUCATION 2 [SWIMMING]

9 10 11 12

IDOE #3544 (PHYS ED SWIM)

**P3544**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: This course is designed to meet the Indiana State requirements for graduation. Within this course students will participate in recreational activities, games and swimming. This is a semester-long course and meets 1/2 of the state requirement for Education. In order to meet the one year minimum PE requirement, students will complete both PE1 and PE Swim.

Activities: This semester class will consist of 9 weeks (1 quarter) of Swimming and 9 weeks of Recreational Activities or Games. Games or activities may consist of, but not limited to, Ultimate Frisbee, Frisbee Golf, Soccer, LaCrosse, Tennis, PickleBall, Mushball (Softball), Kickball, Fitness Runs, Basketball, Floor Hockey, Badminton, Ping Pong, Bowling, Volleyball, Flag Football, Relays, CrossFit Training, Obstacle Course Participation, Track and Field Events, Circuit Training or Fitness Games

Out-of-Class Time Required: None, except for make-up time due to an absence.

Evaluation: Participation in Daily Swim and successful completion of Swim Skills Test. Evaluations will also include, but not limited to, participation, attitude, daily effort, accomplishment on skills tests and written exams covering the Health and Skill related Components of Fitness. A student's knowledge of the Benefits of Exercise will also be assessed. written exams covering history, rules and common strategies. E-Learning Day assignments, personal fitness plans and preparedness for class are also all components that will be assessed.

## PERFORMANCE PHYSICAL EDUCATION 1 & 2

9

IDOE #3542 / 3544 (PERF PHYS ED I / PERF PHYS ED II)

**P3542P / 93544P**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

A parent's signed acknowledgement of their student's participation in this class is required as well as a signed acknowledgement from a Head Varsity Coach.

Content: This course is designed to meet the Indiana State requirements for graduation. This course is centered around the development of a student's athletic abilities. Students will follow a fitness program designed to increase muscular strength, muscular endurance, build power, increase flexibility and improve functional movement skills. The program will consist of weight room safety rules, warm-up/cool down procedures, weight lifting techniques, bilateral and unilateral movement, nutritional education to help maximize a student's ability to reach their potential. Swimming will also be a component of this course. Two semesters of PE (Performance) will meet the one year minimum PE requirement for graduation.

Activities: Dynamic warm-ups, Drills designed to improve ( Lateral & Linear Speed, Agility, Balance, Power, and Jumping ability ), Movement Patterns designed to improve Functional Skills, Plyometrics, Multi-Joint exercises, Resistance Band work, as well as Resistance Weight Training. Movement games are included to improve agility and reaction time. Students will swim at, or near, the equivalent of a 9 week session of PE Swim students and be required to pass a swim skills test.

Out-of-Class Time Required: None, except for make-up time due to an absence.

Evaluation: Each student will need access to their school provided laptop or personal device ( i.e.- Phone, Laptop, iPad, etc.). This device is needed to have access to the internet for inputting data based on their workout results. Daily inputting and recording will be a significant part of their grade. Evaluations will also include, but not be limited to, participation, attitude, daily effort, accomplishment on skills tests, written exams covering history, rules and common strategies. E-Learning Day assignments, personal fitness plans and preparedness for class are also all components that will be assessed.

# Physical Education Electives

**A STUDENT MAY NOT ENROLL IN MORE THAN ONE (1) ELECTIVE PE CLASS PER SEMESTER.**

Students may take a maximum of eight (8) Elective Physical Education classes.

## ELECTIVE PHYSICAL EDUCATION [ADVANCED AQUATICS]

10 11 12

IDOE #3560 (ADV AQUATICS)

**P3560**

**Semester/1.0 Credit**

**This course may be repeated for credit.**

All elective swim courses except Red Cross Senior Lifeguarding may be repeated for credit with a grade of B or better.

Prerequisite: Required PE or permission of instructor. *Freshmen may enroll in Intermediate Swimming only if they have completed the two semester requirement for Physical Education.*

Content: Instruction is designed for the student who wants to increase their swimming ability. All nine styles of swimming taught and evaluated. Course is for the serious swimmer who intends to take lifesaving and/or to work for a water safety instructor's license.

## ELECTIVE PHYSICAL EDUCATION [RED CROSS LIFEGUARDING]

10 11 12

IDOE #3560 (LIFEGUARDING 1)

**P3560L**

**Semester/1.0 Credit**

**This course may be repeated for credit.**

Prerequisite: Permission of the instructor. Fifteen years of age and completion of 9th grade; a grade of "B" or better in Intermediate Swimming or Advanced Swimming. This course can lead to Red Cross certification for lifeguarding.

Out-of-Class Time Required: Approximately one hour per week.

## ELECTIVE PHYSICAL EDUCATION [DIVING]

10 11 12

IDOE #3560 (DIVING)

**P3560Q**

**Semester/1.0 Credit**

**This course may be repeated for credit.**

All elective swim courses except Red Cross Senior Lifeguarding may be repeated for credit with a grade of B or better.

Prerequisite: Permission of the instructor. Instruction in the fundamental dives in the following categories: Forward, backward, inward, somersault, reverse, and twists.

Out-of-Class Time Required: None.

Evaluation: Skill testing and participation in class.

## ELECTIVE PHYSICAL EDUCATION [ADVANCED WEIGHT LIFTING]

10 11 12

IDOE #3560 (ADV WGHT LIFT 1 / ADV WGHT LIFT 2)

**P3560I / 935602**

**Semester/1.0 Credit**

**This course may be repeated for credit.**

Prerequisite: Physical Education 1 and Physical Education 2 or Performance Physical Education. *Freshmen may enroll in Advanced Weight Lifting classes only if they have completed the two semester requirement for Physical Education.*

Content: A program of body conditioning based on instructor's diagnosis of needs and meeting the needs of novice lifters.

Activities: Supervised body conditioning exercise, isometrics, and weight lifting.

Out-of-Class Time Required: None, except for make-up time due to an absence.

Evaluation: Based on participation, attitude, effort, and improvement. Each student will need access to their school provided laptop or personal device (phone, laptop, tablet, etc.). This device is needed to have access to the internet for inputting data based on their workout results. Daily inputting and records will be a significant part of their grade.

## ELECTIVE PHYSICAL EDUCATION [ADVANCED PERFORMANCE WEIGHT LIFTING]

9 10 11 12

IDOE #3560 (ADV WT LFT PER1 / ADV WT LFT PER2)

**P3560A / 93560B**

**Semester/1.0 Credit**

**This course may be repeated for credit.**

Prerequisite: Physical Education 1 and Physical Education 2 or Performance Physical Education. *Freshmen may enroll in Advanced Weight Lifting classes only if they have completed the two semester requirement for Physical Education.*

Content: This course is centered around the development of a student athlete's abilities. A weightlifting program designed for body sculpting, muscle definition and shape.

Activities: Supervised lifting program offering multiple exercises for each muscle group with emphasis on diet and the reduction of body fat.

Out-of-Class Time Required: None, except for make-up time due to an absence.

Evaluation: Based on participation, attitude and improvement. All students will be evaluated on vocabulary.

## OFFICIATING 101

11 12

IDOE #0530 (OFFICIATING)

**P0530**

**Semester/1.0 Credit**

**This course may be repeated for credit.**

Prerequisite: Physical Education 1 and Physical Education 2 or Performance Physical Education.

Content: This course will be geared toward officiating a variety of sports. When completed, students will have the ability to get licensed as an IHSAA



# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024-2025

official. Students will also be linked to a mentor official and be given the opportunity to officiate lower level contests. Curriculum will be provided through RefPrep.

Activities: Video training, class work, game specific field work and participation

Out-of-Class-Time Required: Two to six hours per week.

Evaluation: In class activities, completion of online video modules, sport specific quizzes, and observations of officials.

## Health Courses

### GUIDELINES

All students are required to take 1 semester of Health and Wellness Education.

**NOTE: The above requirement is established by the State of Indiana and cannot be waived by the school.**

### HEALTH AND WELLNESS EDUCATION

10 11 12

IDOE #3506 (HLTH & WELL)

**P3506**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: Wellness, emotional and mental health, healthy and safe relationships, nutrition and weight management, physical activity, reproductive health and sexually transmitted diseases, alcohol, tobacco and other drug abuse, organ donation

Activities: Lectures, class discussion and group work, reading, group research, computer projects, videos, reports and class activities.

Out-of-Class Time Required: Average of two hours per week.

Evaluation: Homework, tests, quizzes, class participation, projects, midterm and final exam.

### PRINCIPLES OF EXERCISE SCIENCE

11 12

IDOE #7320 (PRIN EXER SCI)

**P7320**

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Health

Content: Principles of Exercise Science provides an introduction to the science of exercise and human movement. Special topics include exercise physiology, sport biomechanics, sports medicine, and motor integration. Additionally, the course will examine career options in sport, health and wellness, education, and the medical fields like personal trainer, athletic training and physical therapy.

Activities: Lectures, class discussion and group work, research and group presentations for each unit, videos and discussions, field trips

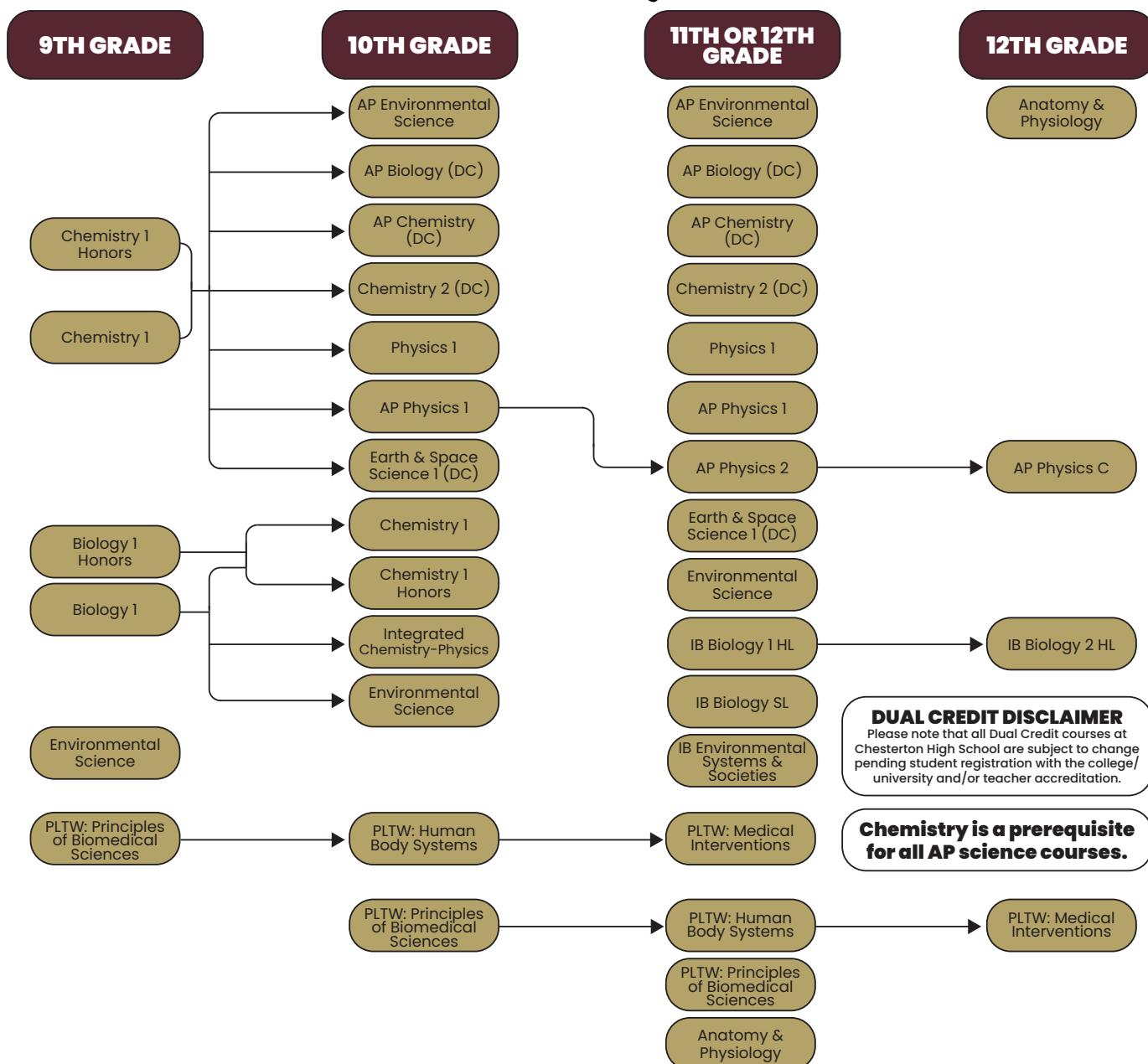
Out-of-Class Time Required: Average of two hours per week.

Evaluation: Homework, tests, quizzes, class participation, projects, individual projects, midterm and final exam



# Science

## Science Course Progression Chart



### BIOLOGY 1

9

IDOE #3024 (BIO I)

C3024

**Year/2.0 Credits****This course counts towards an Academic Honors Diploma.**

**Content:** Biology 1 is a course based on the following core topics: cellular structure and function; matter cycles and energy transfer; interdependence; inheritance and variation in traits; evolution. Through phenomenon-driven units, students will work in groups to make sense of the natural world through the use of authentic data, while integrating science practices to solve problems. Daily lessons will include formative and summative assess-

## CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

ments. Instruction will focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by designing and conducting investigations guided by theory, and by evaluating and communicating the results of those investigations according to accepted procedures.

Activities: Class discussion, films, labs, computer simulations, demonstrations, and projects.

Out-of-Class Time Required: 1-2 hours per week

Evaluation: Written assignments, quizzes, lab reports, tests, oral class participation

### BIOLOGY 1 HONORS

9

IDOE #3024 (BIO 1 HON)

C3024H

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Final placement in the course is to be determined by the high school based on available information.

Content: Biology Honors is a course based on the following core topics: cellular structure and function, matter cycles and energy transfer; interdependence; inheritance and variation in traits; evolution. Through phenomenon-driven units, students will work in groups to make sense of the natural world through the use of authentic data, while integrating science practices to solve problems. Students in honors will use extensions of the phenomenon to deepen an understanding of the natural world. Daily lessons will include formative and summative assessments. Instruction will focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by designing and conducting investigations guided by theory, and by evaluating and communicating the results of those investigations according to accepted procedures.

Activities: Self-paced individualized instruction with guidance and emphasis on higher order thinking skills.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: Mastery of material as demonstrated by testing and verbal interaction with instructor, various assignments and projects

### PLTW: PRINCIPLES OF BIOMEDICAL SCIENCES

9 10 11 12

IDOE #5218 (PRIN BIOMED)

C5218

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Biology 1 or concurrent enrollment in Biology 1

Content: Students work involves the study of human medicine, research processes and an introduction to bioinformatics. Students investigate the human body systems and various health conditions including heart disease, diabetes, hypercholesterolemia, and infectious diseases. A theme through the course is to determine the factors that led to the death of a fictional person. After determining the factors responsible for death, the students investigate lifestyle choices and medical treatments that might have prolonged the person's life. Key biological concepts included in the curriculum are: homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease. Engineering principles such as the design process, feedback loops, fluid dynamics, and the relationship of structure to function will be included where appropriate. The course is designed to provide an overview of all courses in the Biomedical Sciences program and to lay the scientific foundation necessary for student success in the subsequent PLTW courses.

Activities: Students will participate in "hands-on" projects and problems, lectures, class discussions and laboratory investigations and demonstrations as appropriate.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: Performance on classroom projects, written assignments, tests, quizzes, essays and laboratory investigations.

### PLTW: HUMAN BODY SYSTEMS

10 11 12

IDOE #5216 (HUMAN SYST)

C5216

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: PLTW Principles of Biomedical Science

Content: This course is designed to engage students in the study of basic human physiology and the care and maintenance required to support the complex systems. Using a focus on human health, students will employ a variety of monitors to examine body systems (respiratory, circulatory, and nervous) at rest and under stress, and observe the interactions between the various body systems.

Activities: Students will participate in "hands-on" projects and problems, lectures, class discussions and laboratory investigations and demonstrations as appropriate.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: Performance on classroom projects, written assignments, tests, quizzes, essays, and laboratory investigations.

### PLTW: MEDICAL INTERVENTIONS

11 12

IDOE #5217 (MED INTERV)

C5217

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: PLTW Principles of Biomedical Science and PLTW Human Body Systems

Content: The course content explores how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose, and treat cancer, and how to prevail when the organs of the body begin to fail. In this course, you will investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as you follow the lives of a fictitious family. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important role that scientific thinking and engineering design play in the development of interventions of the future.

Activities: Students practice problem-solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Out-of-Class Time Required: One to two hours per week.

Evaluation: Students are evaluated through assessments, classwork, and projects.

## ADVANCED PLACEMENT BIOLOGY

11 12

IDOE #3020 (AP BIO)

C3020

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: Recommendation of teacher, Biology 1, Chemistry 1

Content: The AP curriculum to be followed will include: Biochemistry, molecules, cells, genetics, evolution, ecology, and cell signaling.

Activities: Class discussion, laboratory investigations, computer simulations, multimedia presentations.

Out-of-Class Time Required: One hour per night for reading. Additional two hours per week for lab work.

Evaluation: Performance on written assignments, tests, quizzes essays and laboratory investigations.

## IB BIOLOGY 1 – HIGHER LEVEL

11

IDOE #3032 (IB BIO 1 HL)

C30321

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## IB BIOLOGY 2 – HIGHER LEVEL

12

IDOE #3032 (IB BIO 2 HL)

C30322

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## ANATOMY AND PHYSIOLOGY

11 12

IDOE #5276 (A & P)

C5276

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Must take two (2) of the following: Biology 2 AP; Chemistry 1 or Chemistry 1 Honors; Physics 1 or Physics 1 AP; Environmental Science AP; Earth and Space Science 1; Chemistry 2; Chemistry AP

Content: Study of anatomical terms, histology, integumentary, skeletal muscular, nervous, endocrine, immune, circulatory, respiratory, digestive, urinary, reproductive and lymphatic systems.

Activities: Histological examinations (microscope), lab drawings, gross dissections, designing experiments, computer simulations.

Out-of-Class Time Required: One to one and one and a half hours.

Evaluation: Homework completion, tests, quizzes, lab reports, lab practicals, and experimental designs.

## EARTH AND SPACE SCIENCE I

10 11 12

IDOE #3044 (EAS SCI I)

C3044

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Biology 1, Chemistry 1, Integrated Chemistry-Physics or Physics 1

Content: An investigative approach to the study of the earth that places emphasis on the processes that change our planet and shape the environment. Units covered will include the Weather Cycle, the Rock Cycle, Earth History, Plate Tectonics and Exploration of the Universe.

Activities: Laboratory investigations, class discussions.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Performance on classroom and laboratory investigations and on objective tests.

## CHEMISTRY I

9 10 11 12

IDOE #3064 (CHEM I)

C3064

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Biology 1 and Algebra 1

Content: Study of the materials of our environment and the changes they undergo, how the changes can be communicated by means of equations, and the quantitative relationships concerning these changes.

Activities: Lectures, class discussions, and laboratory investigations, demonstrations.

Out-of-Class Time Required: Approximately one-half hour per day.

Evaluation: Performance on tests, laboratory reports and homework projects, in class assignments.

## CHEMISTRY I HONORS

9 10 11 12

**C3064H**

IDOE #3064 (CHEM I HON)

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Biology 1 and Algebra 1 with teacher recommendations. Final placement in the course is to be determined by the high school based on available information.

Content: Study of the materials of our environment and the changes they undergo, how the changes can be communicated by means of equations, and the quantitative relationships concerning these changes at an increased depth and rigor. Instruction will focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by designing and conducting investigations guided by theory, and by evaluating and communicating the results of those investigations according to accepted procedures.

Activities: Lectures, class discussions, inquiry-based laboratory investigations, and demonstrations.

Out-of-Class Time Required: Approximately one-half hour per day.

Evaluation: Performance of tests, laboratory reports and homework projects, in class assignments.

## CHEMISTRY 2

10 11 12

**C3066**

IDOE #3066 (CHEM II)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Chemistry 1

Content: Additional study of the basic principles of chemistry.

Activities: Laboratory investigations, lectures and discussions, demonstrations.

Out-of-Class Time Required: Approximately one-half hour per day.

Evaluation: Performance on tests, laboratory reports, and homework assignments.

## ADVANCED PLACEMENT CHEMISTRY

11 12

**C3060**

IDOE #3060 (AP CHEM)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: Chemistry 1 and teacher's recommendation

Content: The AP curriculum will be followed and will include: structure of matter, states of matter, chemical reactions, gas behavior, chemical bonding, reaction, rates, kinetics, thermoschemistry, and equilibrium.

Activities: Laboratory investigations, lectures and discussions.

Out-of-Class Time Required: One hour per night plus additional time for lab reports.

Evaluation: Written assignments, tests, quizzes and lab reports.

## PHYSICS I

10 11 12

**C3084**

IDOE #3084 (PHYS I)

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisites: Biology 1, Algebra 1, and Geometry

Content: Topics will include: problem solving, motion and forces, energy and work, momentum and collisions, simple harmonics, principles of waves, and simple circuits. Interpretation of natural phenomena through observation experimentation, and scientific methods. (Can serve as a foundation course for AP Physics)

Activities: Inquiry based labs, problem solving sessions, class discussion, lecture, and class demonstrations.

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Exams, quizzes, lab reports, problem sets and participation.

## ADVANCED PLACEMENT PHYSICS I

10 11 12

**C3080**

IDOE #3080 (AP PHYS I)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisites: Biology 1; Algebra; Geometry; Concurrent with/or Chemistry 1 and teacher recommendation;

**(Only sophomores with a strong science and math background and interest should consider this option)**

Content: The AP Physics 1 curriculum is the equivalent of a first semester college course in algebra-based physics; topics will include: kinematics, torque rotational motion and angular momentum, gravitation and circular motion, work, energy, power, linear momentum, and simple harmonic motion.

Activities: Extensive inquiry based labs, problem solving sessions, class discussion, lecture, and class demonstrations.

Out-of-Class Time Required: One hour per night plus extra time for lab reports.

Evaluation: Exams, quizzes, lab reports, problem sets and participation.

## ADVANCED PLACEMENT PHYSICS 2

11 12

IDOE #3081 (AP PHYS II)

**C3081**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisites: AP Physics 1 and teacher recommendation.

Content: The AP Physics 2 curriculum is the equivalent of a second semester college course in algebra-based physics; topics will include: Fluid statics and dynamics, thermodynamics, electrostatics, electrical circuits, magnetic fields, electromagnetism, physical and geometric optics, and modern physics.

Activities: Extensive inquiry based labs, problem solving sessions; classroom discussion; lecture and class demonstrations.

Out-of-Class Time Required: One hour per night plus extra time for lab reports.

Evaluation: Exams, quizzes, lab reports, problem sets & participation.

## ADVANCED PLACEMENT PHYSICS C

12

IDOE #3088 (AP PHYS C)

**C3088**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisites: AP Physics 1, AP Physics 2, Calculus AB, (seniors can enroll with AP Physics 2 and/or Calculus AB taken concurrently) and teacher recommendation

Content: The AP Physics C course is equivalent to a first semester calculus-based college course taken by Science and Engineering students. Topics will include: Kinematics, Energy, Momentum, Rotation, Oscillations, and Gravitation. Additional supplemental material in Electricity & Magnetism will also be covered when time permits. The class is designed to help prepare students for the AP Physics C Exam.

Activities: Classic AP Physics C Lab activities will be performed. Problem solving sessions, class discussions, lecture and class demonstrations.

Evaluation: Problem sets, quizzes, exams, lab reports

## INTEGRATED CHEMISTRY–PHYSICS

9 10 11 12

IDOE #3108 (ICP)

**C3108**

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Biology 1 or recommendation of Biology 1 teacher

Content: A general study of physics and chemistry using only simple mathematics. Topics include motion, forces, simple machines, light, sound, electricity, structure of matter, and chemistry in our world.

Activities: Class discussions/lectures, laboratory investigations, demonstrations, reports, computer programs.

Out-of-Class Time Required: Minimum of one hour per week.

Evaluation: Performance on tests, laboratories, in-class assignments and reports.

## ENVIRONMENTAL SCIENCE

10 11 12

IDOE #3010 (ENV SCI)

**C3010**

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Biology 1

Content: Environmental Science is an interdisciplinary course that integrates biology, earth science, and chemistry on the backdrop of numerous social sciences. Students enrolled in this course conduct in-depth scientific studies of environmental systems, flow of matter and energy, environmental policies, biodiversity, ecology, pollution, and natural and anthropogenic resource cycles. Cross-cutting concepts are an integral part of this course.

Activities: Class discussions, lectures, laboratory investigations, computer simulations, videos.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Performance on written assignments, labs, tests, projects, and classroom participation.

## ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

11 12

IDOE #3012 (AP ENV SCI)

**C3012**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: Biology 1, Chemistry 1

Content: AP Environmental Science focuses on the scientific principles, concepts, and methods required to understand the interrelationships of the natural world. This involves identifying and analyzing environmental problems (both natural and human-made), evaluating the relative risks associated with these problems, and proposing alternative solutions for resolving or preventing them. Topics discussed include: Sustainability, Ecology, Ethics/Economics, Population demographics, Agriculture, Aquatic Systems, Toxicology, Urbanization, and Energy.

Activities: Laboratory investigations, notes, lectures and discussion.

Out-of-Class Time Required: One half hour per night or about three hours per week.

Evaluation: Written assignments, tests, binder checks (notes), and labs.

## IB ENVIRONMENTAL SYSTEMS AND SOCIETIES (ESS) – STANDARD LEVEL

11 12

IDOE #3016 (IB ENVSS SL)

**C3016**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.





# Service & Career Education

## CAREER INFORMATION AND EXPLORATION [INTERNSHIP/WORK STUDY]

12

IDOE #0522 (CAREER EXPL / CAREER EXPL WS)

Y0522 / Y0522W

### Semester/1.0-4.0 Credits

**NOTE:** A student may only earn 8 credits in Career Information and Exploration.

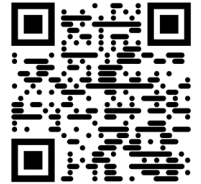
**Prerequisite:** Student MUST have a completed application turned in to the Internship Director. Scan the QR code for the application.

**Work Study Prerequisite:** Students are required to have a job already secured by the first day of school as evidenced by pay stubs in order to participate in this program.

**Content:** Career Information and Exploration provides students with opportunities to learn about themselves and about various traditional and nontraditional occupations and careers. Students also gain an awareness of the type of occupational preparation or training needed for various occupations and careers. Students develop skills in: 1) employability, 2) understanding the economic process, and 3) career decision making and planning.

**Activities:** Students will work with a business to learn real world job applications in a specific career field. Dependent on internship location. Placement can be either paid or unpaid.

**Out-of-Class Time Required:** Students must complete 90 work/internship hours per block per semester in order to earn 1 credit.



## PEER TUTORING [YEAR ONE]

10 11 12

IDOE #0520 (PEER TUT LG II / PEER TUTOR M / PEER TUTOR SE / PEER TUTOR TL)

Y0520L [LIFEGUARDING II] / Y0520M [FRESHMAN TEAMS] /

### Year/2.0 Credits

Y0520S [SPECIAL EDUCATION] / Y0520T [TUTOR LAB]

**NOTE:** A student may only earn 2 credits as any type of peer tutor.

**Prerequisite:** Student must have a recommendation from a teacher, counselor, or administrator and at least a 2.5 GPA.

**Content:** Mentors will assist students in Freshman TEAMS, the Special Education classroom or in the Tutor Lab. They will provide assistance to students in keeping their schoolwork organized. Students may be asked to provide homework, time management, and social skills advice to their mentee.

**Lifeguarding Prerequisite:** Student must have Lifeguarding certification.

**Lifeguarding Content:** Students will lifeguard during Basic PE classes.

**Out-of-Class Time Required:** Minimal to none.

**Evaluation:** Supervising teacher will award a grade.

## PEER TUTORING (INTERNSHIP) [YEAR TWO]

11 12

IDOE #0522 (PEER TUT INT LG / PEER TUT INT M / PEER TUT INT SE / PEER TUT INT TL)

Y0522L [LIFEGUARDING II] / Y0522M [FRESHMAN TEAMS] /

### Year/2.0 Credits

Y0522S [SPECIAL EDUCATION] / Y0522T [TUTOR LAB]

**NOTE:** This course counts as Career Information & Exploration credits.

**A student may only earn 8 total credits in Career Information & Exploration.**

**Prerequisite:** Peer Tutoring [Year One]. Student must have a recommendation from a teacher, counselor, or administrator and at least a 2.5 GPA.

**Content:** Mentors will assist students in Freshman TEAMS, the Special Education classroom and in the Tutor Lab. They will provide assistance to students in keeping their schoolwork organized. Students may be asked to provide homework, time management, and social skills advice to their mentee.

**Lifeguarding Prerequisite:** Student must have Lifeguarding certification.

**Lifeguarding Content:** Students will lifeguard during Basic PE classes.

**Out-of-Class Time Required:** Minimal to none.

**Evaluation:** Supervising teacher will award a grade.

## Service & Career Education Career Pathways CTE Concentrators

### CRIMINAL JUSTICE GRADUATION PATHWAY

9TH/10TH GRADE

Principles of Criminal Justice

10TH/11TH GRADE

Law Enforcement Fundamentals

New Course during the 25-26 School Year

11TH/12TH GRADE

Corrections &amp; Cultural Awareness

New Course during the 25-26 School Year

12TH GRADE

Criminal Justice Capstone (Internship)

## PRINCIPLES OF CRIMINAL JUSTICE

9 10 11 12

IDOE #7193 (PRIN CR JUST)

Y7193

### Year/2.0 Credits

**Content:** Principles of Criminal Justice covers the purposes, functions, and history of the three primary parts of the criminal justice system: law enforcement, courts, and corrections. This course further explores the interrelationships and responsibilities of these three primary elements of the criminal justice system.

**Activities:** Discussions and group activities.

**Out-of-Class Time Required:** Two hours per week on average.

**Evaluation:** Participation of in and out of class activities and performance based tests.

## LAW ENFORCEMENT FUNDAMENTALS

10 11 12

IDOE #7191 (LAW ENF FUND)

Y7191

### Year/2.0 Credits

**This course will be offered starting the 2025-26 School Year.**

**Content:** Law Enforcement Fundamentals critically examines the history and nature of the major theoretical perspectives in criminology, and the theories found within those perspectives. Analyzes the research support for such theories and perspectives, and the connections between theory and criminal justice system practice within all the major components of the criminal justice system. Demonstrates the application of specific theories to explain violent and non-violent criminal behavior on both the micro and macro levels of analysis. Additionally, this course will introduce fundamental law enforcement operations and organization. This includes the evolution of law enforcement at federal, state, and local levels.

## CORRECTIONS AND CULTURAL AWARENESS

10 11 12

IDOE #7188 (CRT CORR)

Y7188

### Year/2.0 Credits

**This course will be offered starting the 2025-26 School Year.**

**Content:** Corrections and Cultural Awareness emphasizes the study of American criminal justice problems and systems in historical and cultural perspectives, as well as discussing social and public policy factors affecting crime. Multidisciplinary and multicultural perspectives are stressed. Additionally, this course takes a further examination of the American correctional system; the study of administration of local, state, and federal correctional agencies. The examination also includes the history and development of correctional policies and practices, criminal sentencing, jails, prisons, alternative sentencing, prisoner rights, rehabilitation, and community corrections including probation and parole. Current philosophies of corrections and the debates surrounding the roles and effectiveness of criminal sentences, institutional procedures, technological developments, and special populations are discussed.

## CAREER AND TECHNICAL EDUCATION COURSES

11 12

### Year/6.0 Credits

Juniors and seniors at CHS have the opportunity to enroll half days in Career and Technical Education (CTE) programs. These programs offer an excellent opportunity to explore a family of careers and get some preliminary career training. For success, a student must be sincerely interested in the career field and have good attendance habits.

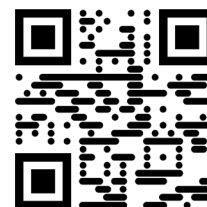
### AVAILABLE PROGRAMS

Automotive Technology	Emergency Medical Services
Civil Construction	Fire & Rescue Services
Computer Aided Design (CAD) & Animation	Graphic Design
Computer Tech Support	Health Science Education 1
Construction Trades	Health Science Education 2
Cosmetology Professional Services	Horticultural Science
Criminal Justice 1	Industrial Maintenance Technology
Criminal Justice 2	Marketing & Sales
Culinary Arts & Hospitality	Precision Machining
Dental Careers	Radio & Television
Diesel Technology	Sports Medicine & Athletic Training
Early Childhood Education	Strategic Marketing Internship
Education Professions	Veterinary Careers
Electrical Maintenance Technology	Welding Technology

As many as six (6) credits per year can be earned in a CTE program. To enroll, a student must have at least 18 credits by the beginning of his/her junior year or 30 by the beginning of his/her senior year.

Applications to attend are required each school year. Transportation to PCCTE programs is NOT guaranteed from year to year. Students must be prepared to provide their own transportation. Because Duneland must pay tuition for these programs by the year, students must plan to remain in a program for both semesters; provision will not be made to provide alternative classes once a program has begun. For that reason, we require that students attend visitation programs and meet CTE teachers before making a decision to enroll.

For CTE course descriptions and additional information, visit the Porter County Career Center website: <https://pccte.org/> or scan the QR code.





## WORLD HISTORY AND CIVILIZATION

9

IDOE #1548 (WLD HST/CVL)

U1548

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

**Content:** This course will provide students with an understanding of the impact of human activity on our understanding of geographic principles and the development of culture and civilization. This course will focus on the ancient period of world history from Pre-history through the end of the Middle Ages (~8000BC to 1492 AD). Specific topics of engagement: Neolithic revolution and the development civilization; Origins of classical civilizations like Greece, Rome, and China; Spread of cultures and religions from culture hearths; Collapse and transition of civilizations; Development of new political and economic systems; Impact of environmental factors on culture.

**Activities:** Lectures, projects, presentations, discussions, readings, charts, graphs, videos, written assignments, and individual and group work. Emphasis on developing student global perspectives and high school work skills.

**Out-of-Class Time Required:** Approximately one to two hours per week.

**Evaluation:** Quizzes, tests, projects, and classwork/homework.

## GEOGRAPHY AND HISTORY OF THE WORLD

9

IDOE #1570 (GEO-HST WLD)

U1570

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

**Content:** Geography and History of the World is designed to enable students to use geographical tools, skills and historical concepts to deepen their understanding of major global themes including the origin and spread of world religions; exploration; conquest, and imperialism; urbanization; and innovations and revolutions. Geographical and historical skills include forming research questions, acquiring information by investigating a variety of primary and secondary sources, organizing information by creating graphic representations, analyzing information to determine and explain patterns and trends, planning for the future, and documenting and presenting findings orally or in writing. The historical geography concepts used to explore global themes include change over time, origin, diffusion, physical systems, cultural landscapes, and spatial distribution/patterns and interaction/relationships. Students use the knowledge, tools, and skills obtained from this course to analyze, evaluate, and make predictions about major global developments. This course is designed to nurture perceptive and responsible citizenship, to encourage and support the development of critical thinking skills and lifelong learning, and to help prepare Indiana students for the 21st Century.

**Activities:** Lectures, projects, presentations, discussions, readings, charts, graphs, videos, written assignments, and individual and group work. Emphasis on developing student global perspectives and high school work skills.

**Out-of-Class Time Required:** Approximately one to two hours per week.

**Evaluation:** Quizzes, tests, projects, and classwork/homework.

## ADVANCED PLACEMENT HUMAN GEOGRAPHY

9 10 11 12

IDOE #1572 (AP HUM GEO)

U1572

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

A course for students who have been identified as being able to handle advanced work.

**NOTE:** Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

**Content:** AP Human Geography introduces high school students to college-level introductory human geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world religions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction.

Specific topics with which students engage include the following:

- Problems of economic development and cultural change
- Consequences of population growth, changing fertility rates, and international migration
- Impacts of technological innovation on transportation, communication, industrialization, and other aspects of human life
- Struggles over political power and control of territory
- Conflicts over the demands of ethnic minorities, the role of women in society, and the inequalities between developed and developing countries
- Explanations of why location matters to agricultural land use, industrial development, and urban problems
- The role of climate change and environmental abuses in shaping the human landscapes on Earth

The goal of this course is for students to become more geoliterate, more engaged in contemporary global issues, and more informed about multicultural viewpoints. They will develop skills in approaching problems geographically, using maps and geospatial technologies, thinking critically about texts and graphic images, interpreting cultural landscapes, and applying geographic concepts such as scale, region, diffusion, interdependence, and spatial interaction, among others. Students will see geography as a discipline relevant to the world in which they live; as a source of ideas for identifying, clarifying, and solving problems at various scales; and as a key component of building global citizenship and environmental stewardship.

**Activities:** Lectures, projects, presentations, discussions, readings, maps, videos, written assignments, and individual and group work. Emphasis of preparing students for the AP Test at the end of the course.

**Out-of-Class Time Required:** Approximately two to three hours per week.

**Evaluation:** Quizzes, tests, homework, and essays designed to prepare students for the AP Test.

## ADVANCED PLACEMENT EUROPEAN HISTORY

10 11 12

IDOE #1556 (AP EUR HST)

U1556

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

This course is designed for students identified as able to do advanced work. Teacher recommendation required to register for class.

**NOTE:** Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

**Content:** It is a rigorous college-level course that provides an in-depth analysis of the cultural, diplomatic, economic, intellectual, political, and social

## CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

history of the European continent from the High Renaissance (Approximately 1450 AD) to the Present. Special emphasis is given on preparing students to take the AP Test at the end of the course. Students who successfully complete the Advanced Placement European History test may be eligible for college credit. Strong writing skills are mandatory for success in this class.

Activities: Lectures, discussions, readings, maps, videos, written assignments, and individual and group assignments.

Out-of-Class Time Required: Extensive reading and two to five hours of written work.

Evaluation: Quizzes, tests, and essays designed to prepare students for the AP Test.

### UNITED STATES HISTORY

11

IDOE #1542 (US HIST / US HIST DC)

U1542 / U1542C

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

United States History is a two-semester course that builds upon concepts developed in previous studies of American History and emphasizes national development from the late nineteenth century into the twenty-first century. After reviewing fundamental themes in the early development of the nation, students are expected to identify and review significant events, issues, and movements in the early development of the nation. The course then gives major emphasis to the interaction of key events, people, and political, economic, social, and cultural influences in national developments through to the present.

Content: American History from the Founding Era to present-day, with special emphasis placed on important events, social and cultural influences, and people of the past 100 years.

Activities: Lectures, discussions, readings, maps, videos, written assignments, and individual and group projects.

Out-of-Class Time Required: Two to five hours per week, depending on placement level.

Evaluation: Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation where necessary and appropriate.

### UNITED STATES HISTORY HONORS

11

IDOE #1542 (US HIST HON)

U1542H

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Honors US History is designed for students wishing to gain a deeper understanding of US History. This course presents a comprehensive, chronological overview of the history of the United States, surveying the major events, institutions, people, and turning points that have influenced the evolution of US politics, economics, foreign relations, culture, and social movements. Students will develop historical thinking and research skills and use primary and secondary sources to explore topical issues and historical problems to understand the cause for changes in the nation over time.

Content: This course is the traditional chronological approach to U.S. History. Semester I reviews early pre-colonial American history to the Reconstruction Era and Semester II covers the Gilded Age through to the present. Activities: Lectures, discussions, readings, maps, videos, written assignments, and individual and group projects.

Out-of-Class Time Required: Two to five hours per week, depending on placement level.

Evaluation: Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation where necessary and appropriate.

### ADVANCED PLACEMENT UNITED STATES HISTORY

11

IDOE #1562 (AP US HIST)

U1562

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

The Advanced Placement United States History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college course. Students should learn to assess historical materials, their relevance to given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. This course should develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will be required to take the Advanced Placement Test and upon successful completion of the test will receive 6 college credits from almost all colleges and universities in the United States.

Content: This is a survey course designed to give you a general overview of the history of our country. The course will be taught in a chronological manner and include readings in a broad variety of topics such as economic history, cultural and intellectual history, social history as well as political history. Emphasis will be placed on the learning of basic themes and concepts that permeate our history and have contributed to the development of the American Character.

Activities: study of the textbook, supplemental readings in the forms of documents, essays, and handouts, homework and papers that when completed will provide a solid understanding of the subject.

Out-of-Class Time Required: Two to five hours per week, depending on placement level.

Evaluation: Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation where necessary and appropriate.

### ADVANCED PLACEMENT WORLD HISTORY MODERN

10 11 12

IDOE #1612 (AP WLD HST)

U1612

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

This course is designed for students identified as able to do advanced work. Teacher recommendation required to register for class.

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

**Content:** It is a rigorous college-level course that provides an in-depth analysis of the cultural, diplomatic, economic, intellectual, political, and social history of the world from circa 1200 CE to the present. Special emphasis is given on preparing students to take the AP Test at the end of the course in May. Students who successfully complete the AP World History: Modern test may be eligible for college credit. Strong writing skills are necessary for success in this class.

**Activities:** Lectures, discussions, readings, maps, videos, written assignments, and individual and group assignments.

**Out-of-Class Time Required:** Independent reading and three hours of written/assigned work weekly.

**Evaluation:** Quizzes, tests, and short answer, data-based and long essay questions designed to prepare students for the AP Test.

## UNITED STATES GOVERNMENT

12

IDOE #1540 (US GOVT)

U1540

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

A course for students who have been identified as working at or near their grade level.

**Content:** This course focuses on the founding principles and beliefs of American government. Students will study the structure, operation, problems, and reforms associated with the three branches of our national government with a special emphasis on contemporary issues and how government affects the quality of daily life.

**Activities:** Lectures, class discussion, videos, research projects, written assignments, guest speakers, and quiz bowls.

**Out of Class Time Required:** Two to five hours per week based upon placement level.

**Evaluation:** Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation where necessary and appropriate.

## UNITED STATES GOVERNMENT HONORS

12

IDOE #1540 (US GOVT HON)

U1540H

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

A course for students who have been identified as able to do advanced work. To remain in the class, students must maintain a grade of “C” or higher.

**Content:** This course focuses on the founding principles and beliefs of American government. Students will study the structure, operation, problems, and reforms associated with the three branches of our national government with a special emphasis on contemporary issues and how government affects the quality of daily life.

**Activities:** Lectures, class discussion, videos, research projects, written assignments, guest speakers, and quiz bowls.

**Out of Class Time Required:** Two to five hours per week based upon placement level.

**Evaluation:** Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation where necessary and appropriate.

## ECONOMICS

12

IDOE #1514 (ECON)

U1514

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

**Content:** This course is designed to give all students a basic understanding of how their country’s economy operates. Students will learn to analyze the inner workings (microeconomics) and broad policies (macroeconomics) of America’s economic system and evaluate how it affects our daily lives. The goal of the senior year economics course is for the student to demonstrate an understanding of basic economic concepts and how they apply to current economic situations. Students examine their roles as consumer, worker, investor and voting citizen. Topics of discussion include the nature of supply and demand, market structures, growth and development, capital formation, the role of government, the Stock Market, comparative economic systems, fiscal and monetary policies, and the impact of political and social decisions on the economy.

**Activities:** Lectures, class discussion, videos, research projects, written assignments, guest speakers, and quiz bowls.

**Out of Class Time Required:** Two to five hours per week based upon placement level.

**Evaluation:** Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation where necessary and appropriate.

## ADVANCED PLACEMENT MACROECONOMICS

12

IDOE #1564 (AP MACRO-ECON)

U1564

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

This course is designed for students identified as able to do advanced work.

**NOTE:** Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

**Content:** AP Macroeconomics will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics. This course is excellent for those wishing to pursue a career in business or finance. Specific topics with which students engage include the following: basic economic concepts; economic indicators and the Business Cycle; National income and price determination; Financial sector; Long-run stabilization policies; and International trade and finance. This course will include an analysis of supply and demand, national income and its components, economic indicators, inflation and unemployment, money and banking, stabilization policies, and the United States and its role in the global market. Students learn to use graphs, charts, and data to analyze, describe and explain economic concepts.

**Activities:** Lectures, projects, presentations, discussions, readings, charts, graphs, videos, written assignments, and individual and group work. Emphasis of preparing students for the AP test at the end of the school year.

**Out of Class Time Required:** Approximately two to three hours per week.

**Evaluation:** Quizzes, tests, and homework designed to prepare students for the AP test.



## ADVANCED PLACEMENT MICROECONOMICS

12

IDOE #1566 (AP MICRO-ECON)

**Semester/1.0 Credit (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

This course is designed for students identified as able to do advanced work. Must complete the AP contract.

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Content: AP Microeconomics provides an introduction to the tools and techniques used by economists to analyze market systems. Applications of microeconomic theory will be used to understand real world business, market, and policy questions. Specific topics with which students engage include the following: basic economic concepts; trade; supply and demand; costs of production; market failures; role of government in the economy. The course will give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. Students will become more economically literate and more informed regarding economic policies and changes in their lives and in society. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

Activities: Lectures, projects, presentations, discussions, readings, charts, graphs, videos, written assignments, and individual and group work. Emphasis of preparing students for the AP test at the end of the school year.

Out of Class Time Required: Approximately two to three hours per week.

Evaluation: Quizzes, tests, and homework designed to prepare students for the AP test.

U1566

## Social Studies Electives

### ETHNIC STUDIES

10 11 12

IDOE #1516 (ETH STUDIES)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: The class provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. The class will use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups.

Activities: Reading assignments, group discussion, small group projects, lectures and writing assignments.

Evaluation: Quizzes, tests, group work, class participation.

U1516

### INDIANA STUDIES

10 11 12

IDOE #1518 (IN STUDIES)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society will be included and students will examine the participation of citizens in the political process.

Activities: Reading assignments, group discussion, small group projects, lectures and writing assignments.

Evaluation: Quizzes, tests, group work, class participation

U1518

### SOCIOLOGY

11 12

IDOE #1534 (SOCIOLOGY)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: The class will focus on the study of human society, including both social action and social organization. Students will examine the various ways that an individual's life is shaped by the structures and forces of society. Special emphasis will be placed upon the following sociological topics: socialization, deviance, class stratification, race and gender issues, the family, and education. Students are expected to develop a thorough understanding of sociological concepts and apply them to current events.

Activities: Reading assignments, sociological research projects, group discussion, class experiments, and various writing assignments.

Out of Class Time Required: Three to four hours per week.

Evaluation: Quizzes, tests, group work, class participation, and term papers.

U1534

### PSYCHOLOGY

11 12

IDOE #1532 (PSYCH)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: A study of the patterns of human behavior, mental health, and the effects of heredity and environment. Students can receive credit in both Psychology and Psychology AP.

Activities: Readings, experiments, videos, role-playing, small group projects, lectures, and discussion.

Evaluation: Quizzes, tests, group work, projects, & class participation.

U1532

## ADVANCED PLACEMENT **PSYCHOLOGY**

10 11 12

IDOE #1558 (AP PSYCH)

**U1558**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

This course is designed for students identified as able to do advanced work.

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Content: A rigorous college-level course that provides an in-depth analysis of the study of the patterns of human behavior, mental health, and the effects of heredity and environment. Special emphasis is given on preparing students to take the AP Test at the end of the course. Students who successfully complete the Advanced Placement Psychology test may be eligible for college credit. Strong writing skills are mandatory for success in this class. Students can receive credit in both Psychology and Psychology AP.

Activities: Readings, experiments, videos, role-playing, small group projects, lectures, and discussion.

Evaluation: Quizzes, tests, and essays designed to prepare students for the AP Test.

## **IB HISTORY 1 – HIGHER LEVEL**

11

IDOE #1590 (IB HIST 1 HL)

**U15901**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## **IB HISTORY 2 – HIGHER LEVEL**

12

IDOE #1590 (IB HIST 2 HL)

**U15902**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## **IB PHILOSOPHY – STANDARD LEVEL**

11 12

IDOE #1602 (IB PHIL SL)

**U1602**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.



# Special Education

## 9TH-11TH GRADE APPLIED SKILLS

Students entering the high school on an Alternative Diploma track will participate in the Applied Skills Program, which includes classes tailored to meet the specific needs of individual IEP goals and transition needs. Students in grades 9-11 will take the courses required to earn the 40 applied units.

English, Math, Science, Social Studies, Physical Education, Health & Wellness, Employability, and Electives

Upon completion of the required credits, students will enter the transition program their senior year, allowing more community-based instruction and learning.

## TRANSITION PROGRAM

The goal of the Transition Program is to support students who need to continue to work on their transition goals and have completed their academic requirements for an Alternative Diploma. The Transition Program will provide opportunities for students to practice hands-on employment skills, obtain hands-on job skills training, and foster their independent living skills in real-life settings and within their communities. The Transition Program can offer more community-based experiences and job coaching as needed.

<b>BUSINESS</b> APPLIED PREPARING FOR COLLEGE & CAREERS	<b>MATHEMATICS</b> APPLIED ALGEBRA 1 APPLIED GEOMETRY APPLIED BUSINESS MATH APPLIED PERSONAL FINANCE	<b>SERVICE &amp; CAREER</b> APPLIED BASIC SKILLS APPLIED CAREER INFORMATION & EXPLORATION APPLIED CAREER EXPLORATION INTERNSHIP
<b>ENGLISH</b> APPLIED ENGLISH 9 APPLIED ENGLISH 10 APPLIED ENGLISH 11 APPLIED ENGLISH 12 APPLIED DEVELOPMENTAL READING	<b>PERFORMING ARTS</b> APPLIED MUSIC	<b>SOCIAL STUDIES</b> APPLIED GEOGRAPHY-HISTORY OF THE WORLD APPLIED TOPICS IN HISTORY APPLIED UNITED STATES HISTORY APPLIED ECONOMICS APPLIED UNITED STATES GOVERNMENT
<b>FAMILY &amp; CONSUMER SCIENCES</b> APPLIED ADULT ROLES APPLIED INTERPERSONAL RELATIONSHIPS	<b>PHYSICAL EDUCATION &amp; HEALTH</b> APPLIED HEALTH APPLIED PHYSICAL EDUCATION 1 & 2 APPLIED ELECTIVE PHYSICAL EDUCATION	<b>VISUAL ARTS</b> APPLIED FINE ARTS
	<b>SCIENCE</b> APPLIED EARTH & SPACE SCIENCE APPLIED BIOLOGY	

## Additional Special Education Courses

### BASIC SKILLS DEVELOPMENT

9 10 11 12

IDOE #0500 (BSD 9-12)

**Semester/1.0 Credit**

Prerequisite: Placement by Teacher of Record

Content: Instruction designed to support student success in their academic coursework. Learning to understand one's self and learning to deal with everyday problems. Focuses on the knowledge, skills, and attitude needed for success with a task in the classroom, at a job, and within the community.

Activities: Individual and group work.

Out-of-Class Time Required: Minimal

Evaluation: Tests, projects, individual progress, activities and effort.

**S0500**

### DEVELOPMENTAL READING

9 10 11 12

IDOE #1120 (DEV READING)

**Semester/1.0 Credit**

Prerequisite: Permission of teacher and counselor.

Content: Targeted at students pursuing a general education diploma in need of improving reading skills.

Activities: Daily lessons, activities, and discussions.

Out-of-Class Time Required: Minimal.

Evaluation: Individual progress and effort.

**ST120**



# Visual Arts

## INTRODUCTION TO TWO DIMENSIONAL ART

9 10 11 12

IDOE #4000 (2D ART)

**A4000****Semester/1.0 Credit****This course counts towards an Academic Honors Diploma.**

This beginner's course is a basic level class recommended for students in grades 9-10, that surveys the elements and principles of art through a variety of media, processes and techniques. It is a strong foundation for all other art curriculum and is intended to give the student an overview of what they can further explore with more in depth classes offered in the Art Department. It also serves as an excellent art credit to satisfy the Fine Arts requirement for the Academic Honors diploma.

Content: Students will explore the language of art defined by the elements and principles used in creating art composition in a variety of materials, techniques and processes. Art history will be applied to each problem to see how artists develop themes (ideas) and solve composition. Students will learn to assess art through verbal and written communication. No previous skill necessary!

Activities: A sampling of media in Drawing, Painting, Printmaking and Visual Communication will introduce students to a variety of other classes in the art department.

Out of Class Time Required: One hour per week.

Evaluation: Individual/group critiques, written self-evaluations/ tests, daily motivation, participation and growth, as well as completion of work and responsibility for use of all tools used in the classroom.

## CERAMICS 1

9 10 11 12

IDOE #4040 (CERAMICS I)

**A40401****Semester/1.0 Credit****This course counts towards an Academic Honors Diploma.**

Content: Exploration of methods, skills, and techniques of pottery construction.

Activities: Variety of methods of working with clay. Art History will be applied to each problem as a way to see how artists develop quality work. Students will learn through verbal and written communication.

Out-of-Class Time required: Two hours per week.

Evaluation: Individual, group critiques, written self-evaluation/artist statements, written tests, daily motivation, participation and growth, as well as completion of all work.

## CERAMICS 2

10 11 12

IDOE #4040 (CERAMICS II)

**A40402****Semester/1.0 Credit****This course counts towards an Academic Honors Diploma.**

Prerequisite: Ceramics 1 with C- or higher

Content: Refinement and expansion of exploration of methods, skills, and techniques of pottery construction begun in Ceramics 1.

Activities: Variety of methods of working with clay. Art History will be applied to each problem as a way to see how artists develop quality work. Students will learn through verbal and written communication. Highly recommended for those who plan to continue the study of art upon graduation.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: Individual, group critiques, written self-evaluation/artist statements, written tests, daily motivation, participation and growth, as well as completion of all work.

## CERAMICS 3

11 12

IDOE #4040 (CERAMICS III)

**A40403****Semester/1.0 Credit****This course counts towards an Academic Honors Diploma.**

Prerequisite: Ceramics 1 and Ceramics 2 with a C- or higher and teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## CERAMICS 4

12

IDOE #4040 (CERAMICS IV)

**A40404**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Ceramics 1, Ceramics 2, and Ceramics 3 with C- or higher and teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## DIGITAL DESIGN 1

9 10 11 12

IDOE #4082 (DIG DESIGN I)

**A40821**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: Exploration of digital design programs and how they apply to digital art.

Activities: This course is a project-based course that explores art history, technology and inventions by creating with different tools and techniques including Photoshop and Illustrator to create 2D print media. Students will also create both vector and raster-based graphics in visual design and develop an aesthetic understanding of basic design through the creation of a portfolio.

Out-Of-Class Time Required: One to two hours average per week.

Evaluation: Individual/Group Critiques, written/online self-evaluations, daily participation, completion and execution of work.

## DIGITAL DESIGN 2

10 11 12

IDOE #4082 (DIG DESIGN II)

**A40822**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Digital Design 1

Content: Continue building an understanding of digital art and design using Photoshop, Illustrator, InDesign and 3D modeling programs.

Activities: Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. They incorporate desktop publishing, digitized imagery, computer animation, and web design. Students reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration. Students identify art-related careers.

Out-Of-Class Time Required: More extensive projects will require one to two hours outside of class.

Evaluation: Individual/group critiques, written/online self-evaluations, daily participation, completion and execution of work.

## DIGITAL DESIGN 3

11 12

IDOE #4082 (DIG DESIGN III)

**A40823**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Digital Design 1 and Digital Design 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## DIGITAL DESIGN 4

12

IDOE #4082 (DIG DESIGN IV)

**A40824**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Digital Design 1, Digital Design 2, and Digital Design 3 and teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## DRAWING 1

9 10 11 12

IDOE #4060 (DRAWING I)

**A40601**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: Exploration of drawing fundamentals from traditional to contemporary.

Activities: Students will explore the fundamentals of seeing, sketching and drawing through a variety of approaches and media. Techniques like creating the illusion of shadow, depth and perspective will be covered as well as surrealism, observation and non-traditional approaches. Materials include graphite, ink, pastel, colored pencil and chocolate sauce. This course serves as a wide-ranging survey of drawing styles and techniques so students can ultimately identify and develop their own personal aesthetic. Art history and modern culture will be applied throughout. This is a highly recommended foundation for all art related curricula.

Out-of-Class Time Required: Approximately one to two hours per week.

Evaluation: Individual projects, critiques, written evaluations, daily participation, personal growth, and completion of work.

## DRAWING 2

10 11 12

IDOE #4060 (DRAWING II)

**A40602**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Drawing 1

Content: Expansion of skills, techniques, and visual vocabulary learned in Drawing 1 concentrating on expression of idea and storytelling through composition and materials. Highly recommended for those who plan to continue to study art upon graduation.

Activities: Students will use sketchbooks for developing and researching drawing techniques and themes, then create and present portfolio quality work using advanced materials and tools. Written artist reviews and gallery visits will be required four times per semester. Art history will be applied to each problem as a way to see how artists develop themes (ideas) and solve composition. Students will assess art through verbal and written communication.

Out-of-Class Time Required: Two hours per week.

Evaluation: Individual, group critiques, written self-evaluations, written tests, daily motivation, participation and growth, as well as completion of work.

## DRAWING 3

11 12

IDOE #4060 (DRAWING III)

**A40603**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Drawing 1 and Drawing 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## DRAWING 4

12

IDOE #4060 (DRAWING IV)

**A40604**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Drawing 1, Drawing 2, and Drawing 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## JEWELRY 1

10 11 12

IDOE #4042 (JWLRY I)

**A40421**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: Students design and create works of jewelry utilizing various fabrication techniques. These include sawing, piercing, filing, and soldering.

Activities: Students will design and make jewelry using both hot and cold processes. Cold processes include hand-built assemblies including tool-formed work (bent wire, chasing, repoussage, beading, riveting, found object assembly). Hot processes include kiln-fired and torch work. They will use a variety of techniques as well as materials.

Out-of-Class Time Required: Two hours per week.

Evaluation: Individual, group critiques, written self-evaluations, written tests, daily motivation, participation and growth, as well as completion of work.



## JEWELRY 2

10 11 12

**A40422**

IDOE #4042 (JWLRY II)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Jewelry 1 with a B- or higher.

Content: Students will continue to build their portfolio and design works of jewelry utilizing various fabrication techniques. These include sawing, piercing, filing, and soldering. Students in Jewelry 2 engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works.

Activities: Students will design and make jewelry using both hot and cold processes. Cold processes include hand-built assemblies including tool-formed work (bent wire, chasing, repoussage, beading, riveting, found object assembly). Hot processes include kiln-fired and torch work. They will use a variety of techniques as well as materials. Students will utilize the resources of art museums, galleries, and studios, and identify art-related careers.

Out-of-Class Time Required: Two hours per week.

Evaluation: Individual, group critiques, written self-evaluations, written tests, daily motivation, participation and growth, as well as completion of work.

## JEWELRY 3

11 12

**A40423**

IDOE #4042 (JWLRY III)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Jewelry 1 and Jewelry 2 with B- or higher and teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## JEWELRY 4

12

**A40424**

IDOE #4042 (JWLRY IV)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Jewelry 1, Jewelry 2, and Jewelry 3 with B- or higher and teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## PAINTING 1

9 10 11 12

**A40641**

IDOE #4064 (PAINTING I)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: Development of composition and study of color and light.

Activities: Exploration of a variety of materials and techniques (oil stick, acrylic paints, water colors). Art theory and art history (ranging from historic art masters of the world to living and working contemporary artists) will be explored as a means to introduce various techniques, styles, processes, and concepts to all art work. Students will learn to assess art through verbal and written communication. Students will be asked to demonstrate technical understanding and creativity through a variety of projects, structured around the Elements of Art and Principles of Design.

Out-of-Class Time Required: Approximately one hour per week maximum.

Evaluation: Individual, group critiques, written self-evaluations/artist statements, written tests, daily motivation, participation, effort, and growth, as well as completion of work.

## PAINTING 2

10 11 12

**A40642**

IDOE #4064 (PAINTING II)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Painting 1

Content: Refinement of skills and techniques begun in Painting 1.

Activities: Expression of ideas through paint media on a variety of surfaces and forms. Written artist reviews and gallery visits will be required. Art History will be applied to each problem as a way to see how artists develop quality work. Students will learn to assess art through verbal and written communication.

Out-of-Class Time Required: Approximately two hours per week maximum.

Evaluation: Individual, group critiques, written self-evaluations, written tests, daily motivation, participation, and growth, as well as completion of work.

## PAINTING 3

11 12

IDOE #4064 (PAINTING III)

**A40643**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Painting 1 and Painting 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## PAINTING 4

12

IDOE #4064 (PAINTING IV)

**A40644**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Painting 1, Painting 2, and Painting 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## PHOTOGRAPHY 1

9 10 11 12

IDOE #4062 (PHOTOGRPH I)

**A40621**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Students must have a 35mm film camera with adjustable F-stop and shutter settings.

Content: Basic photography for beginners.

Activities: Film developing, printing, enlarging, photograms, multiple prints.

Out-of-Class Time Required: One to two hours per month.

Evaluation: Individual, group critiques, written self-evaluations, written exams, daily motivation, participation and growth, as well as completion of work.

## PHOTOGRAPHY 2

10 11 12

IDOE #4062 (PHOTOGRPH II)

**A40622**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Photography 1 with B- or higher. Students must have a digital 35mm camera with adjustable F-stop and shutter settings. Students must have a complete understanding of manual aperture and shutter speed priority settings.

Content: Instruction in black and white, color, and digital photography with emphasis on composition, camera techniques and studio.

Activities: Formatting, problems in composition and lighting

Out-of-Class Time Required: Two hours per week.

Evaluation: Individual completion of projects that encompass studio work, photo journalism, site photography, and product photography.

## PHOTOGRAPHY 3

11 12

IDOE #4062 (PHOTOGRPH III)

**A40623**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Photography 1 and Photography 2 with B- or higher and teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## PHOTOGRAPHY 4

11 12

IDOE #4062 (PHOTOGRPH IV)

**A40624**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Photography 1, Photography 2, and Photography 3 with B- or higher and teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## PRINTMAKING 1

9 10 11 12

IDOE #4066 (PRNTMKG I)

**A40661**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: Exploration of the processes & techniques of printmaking.

Activities: Printmaking is the process of transferring an image from one surface to another. This class explores traditional and non-traditional print processes including silk screening, stenciling, intaglio, linoleum cuts and monoprinting. This course involves the use of sharp cutting tools and heavy printing presses so only responsible students need apply. Art history will be examined throughout the course to promote visual literacy and contextual awareness.

Out-of-Class Time Required: Approximately one hour per week maximum.

Evaluation: Individual projects, critiques, written evaluations, daily participation, personal growth, as well as completion of work, and safety.

## PRINTMAKING 2

10 11 12

IDOE #4066 (PRNTMKG II)

**A40662**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Printmaking 1

Content: Reinforcement and growth of skills begun in Printmaking 1.

Activities: This class will build upon the skills gained in Printmaking 1 and further develop a personal aesthetic within the medium. Students will have the opportunity to work on larger printing plates and with more advanced methods, including mixed media, textiles and multiple color editions. Art history will be applied to every problem as a way of seeing how other printmakers develop quality work. Safety and mindfulness remain the highest priority.

Out-of-Class Time Required: Up to two hours per week.

Evaluation: Individual projects, group critiques, written self-evaluations, daily participation, development of personal aesthetic and completion of work.

## PRINTMAKING 3

11 12

IDOE #4066 (PRNTMKG III)

**A40663**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Printmaking 1 and Printmaking 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## PRINTMAKING 4

12

IDOE #4066 (PRNTMKG IV)

**A40664**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Printmaking 1, Printmaking 2, and Printmaking 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## SCULPTURE 1

9 10 11 12

IDOE #4044 (SCULPT I)

**A40441**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Content: Understanding design elements and principles through 3D form.

Activities: This is an introduction to 3D art which explores the materials and processes used in manipulating, modeling, forming, and assemblage (plaster, paper, glass, papier-mâché, clay, wood, wire, various found objects, etc.). \*It is recommended for grades 10-12 due to the sophisticated cutting tools used in production. Art theory and art history (ranging from historic art masters of the world to living and working contemporary artists) will be explored as a means to introduce various techniques, styles, processes, and concepts to all artwork. Students will learn to assess art through verbal and written communication.

Out-of-Class Time Required: Approximately one hour per week.

Evaluation: Individual, group critiques, written self-evaluations/artist statements, written tests, daily motivation, participation, effort, and growth, as well as completion of work.

## SCULPTURE 2

10 11 12

IDOE #4044 (SCULPT II)

**A40442**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Sculpture 1

Content: Refinement of skills and materials used to explore 3-D form in Sculpture 1

Activities: Expression of ideas through form by carving, casting, modeling, assemblage, and forming (glass, clay, wood, wire, and various found objects/mixed media). Skills learned in Sculpture 1 will be expanded upon, new materials will be explored and combined into different works, and students will produce more work at a faster pace all leading to the end goal of developing a unique artistic style. Art History will be applied to each problem as a way to see how artists develop quality work. Students will learn through verbal and written communication. Highly recommended for those who plan to continue the study of art upon graduation.

Out-of-Class Time Required: Two hours per week.

Evaluation: Individual, group critiques, written self-evaluation/artist statements, written tests, daily motivation, participation and growth, as well as completion of work.

## SCULPTURE 3

11 12

IDOE #4044 (SCULPT III)

**A40443**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Sculpture 1 and Sculpture 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## SCULPTURE 4

12

IDOE #4044 (SCULPT IV)

**A40444**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Sculpture 1, Sculpture 2, and Sculpture 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

## VISUAL COMMUNICATION 1

10 11 12

IDOE #4086 (VIS COMM I)

**A40861**

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Digital Design 1

Content: Visually communicating ideas through graphic design, video and print media.

Activities: Students will explore how ideas are shared visually in society through graphic design, filmmaking, fashion, gaming, advertising and beyond. Students will use digital means (video Adobe Illustrator & Photoshop) and traditional tools (drawing, painting, collage) to communicate complex ideas as efficiently and effectively as possible. Daily discussion will examine the intersection between human behavior, creative expression, and cultural

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

literacy all through the lens of sociology and art history. Projects will challenge students to think creatively and solve design issues faced by humans across the planet.

Out-of-Class Time Required: Approximately one hour per week.

Evaluation: Individual and group projects, critiques, written evaluations, daily participation, personal growth, and completion of work.

## VISUAL COMMUNICATION 2

10 11 12

IDOE #4086 (VIS COMM II)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Visual Communication 1

Content: Expansion of skills, techniques and themes learned in Visual Communications 1, concentrating on effective visual communications for print and video media.

Activities: Students will further explore creative methods of using modern and traditional media to transmit ideas. Individual and group projects will investigate advertising, filmmaking, game design and public art. Students will use Adobe Illustrator, Photoshop, video editing, drawing and painting to simplify complex narratives, ideas and concepts. Art history and psychology will be examined daily through research and discussion to understand how artists solve the challenge of conveying complex meanings in the simplest visual means possible. Projects will emphasize creativity, efficient communication and cultural literacy.

Out-of-Class Time Required: Approximately one hour per week.

Evaluation: Individual and group projects, critiques, written evaluations, daily participation, personal growth, and completion of work.

**A40862**

## VISUAL COMMUNICATION 3

11 12

IDOE #4086 (VIS COMM III)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Visual Communication 1 and Visual Communication 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

**A40863**

## VISUAL COMMUNICATION 4

12

IDOE #4086 (VIS COMM IV)

**Semester/1.0 Credit**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Visual Communication 1, Visual Communication 2, and Visual Communication 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

Out-of-Class Time Required: Two to three hours per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

**A40864**

## ADVANCED PLACEMENT ART HISTORY

9 10 11 12

IDOE #4025 (AP ART HIST)

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

Prerequisite: There are no prerequisites for AP Art History. Students who have been successful in humanities courses, such as history and literature, or in studio art courses are especially encouraged to enroll since those experiences will likely support and enrich the context of the art history course.

Content: The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. The study of art history invites students to discover the diversity in and connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts. Students research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

Activities: Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history.

Out-of-Class Time Required: Three to five hours per week.

Evaluation: AP Art History exam

**A4025**

## IB FILM – STANDARD LEVEL

11 12

IDOE #4272 (IB FILM SL)

**A4272**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## IB FILM – HIGHER LEVEL

11 12

IDOE #4270 (IB FILM HL 1)

**A42701 (11) / A42702 (12)**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## IB VISUAL ARTS – STANDARD LEVEL

11 12

IDOE #4092 (IB VIS ART SL)

**A4092**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## IB VISUAL ARTS – HIGHER LEVEL

11 12

IDOE #4090 (IB VIS ART 1 HL / IB VIS ART 2 HL)

**A40901 (11) / A40902 (12)**

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.





# World Language

## GUIDELINES

All weighted grades need to be a C- or above to receive the additional point.  
Students who do not successfully complete the first semester with a passing grade will not be eligible to continue.

### FRENCH 1

9 10 11 12

IDOE #2020 (FREN I)

W2020

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Content: Development of basic skills involved in speaking, reading, and writing in the French language. Much emphasis on the cultural aspects of the French people as well as the language itself and its structure. Supplementary learning aids include audio recordings, magazines, music, films and Internet.

Activities: Vocabulary and grammar learned through dialogues and drills, skits, conversations, songs, French magazines, videos, computer programs.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based on oral and written achievement.

### FRENCH 2

9 10 11 12

IDOE #2022 (FREN II)

W2022

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: French 1; students with less than a C- in the previous course must have written teacher approval.

Content: Expansion of the basic skills learned in French 1, with emphasis on the spoken language, original expression, and the structure of the language. Continuing emphasis on cultural aspects of France and current events with regard to the French speaking world. Vocabulary learned by means of the same methods as French 1. Student learns to function in a variety of day to day situations.

Activities: Vocabulary learned through dialogues, stories, drills, plays, songs, Internet, and readings.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based on oral and written proficiency.

### FRENCH 3

10 11 12

IDOE #2024 (FREN III)

W2024

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken Dual Credit.**

Prerequisite: French 2; students with less than a C- in the previous course must have written teacher approval.

Content: Emphasis on proficiency in speaking, reading and writing and comprehension with special attention given to French civilization culture. Continuing emphasis on original expression in the language by means of plays, skits, stories some of which will be memorized. Usage of more tenses, geography, cuisine, dating and marriage.

Activities: French as the language of the classroom with emphasis placed on the students' originality in both oral and written French.

Out-of-Class Time Required: Minimum of two to three hours per week.

Evaluation: Based on oral and written proficiency.

### FRENCH 4

11 12

IDOE #2026 (FREN IV)

W2026

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken Dual Credit.**

Prerequisite: French 3; students with less than a C- in the previous course must have written teacher approval.

Content: Review of all the basic grammar studied and much emphasis on original expression in conversation and written work. There is a continued emphasis on culture and history with an introduction to French literature and stories.

Activities: DVDs, original compositions—both oral and written, geography and maps, history, listening activities, singing, French magazines, Internet, reading, grammar concepts.

Out-of-Class Time Required: Three hours per week.

Evaluation: Tests, both oral and written, and assignments.

### IB FRENCH 4 – STANDARD LEVEL

12

IDOE #2308 (IB FRN 4 SL)

W230F4

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

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## FRENCH 5

12

IDOE #2028 (FRN V)

W2028

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken Dual Credit.**

Prerequisite: French 4; with no less than a C- average in French 4.

Content: French history from Viking times to the present, geography and monuments, Impressionism and French art in general, French music, advanced French grammar; French literature and films.

Activities: DVDs, original composition, extended reading of stories/books, written exercises, listening activities, projects, use of Internet

Out-of-Class Time Required: Minimum of three hours per week.

Evaluation: Tests, both oral and written, assignments, presentations, and Integrated Performance Assessments

## IB FRENCH 5 – STANDARD LEVEL

12

IDOE #2308 (IB FRN 5 SL)

W230F5

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## GERMAN 1

9 10 11 12

IDOE #2040 (GER I)

W2040

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Content: Development of proficiency in the four basic skills: listening, speaking, reading, and writing. Students learn and practice vocabulary and structures of the language. Emphasis is on communication within a cultural setting. The program depicts every day life, such as family-peer relations, school, free time, dining, visiting, holidays, and social customs.

Activities: Students will listen to native Germans, view films on German speaking countries and people, prepare short skits, practice vocabulary and grammar with oral and written activities, use of Internet activities and computer programs.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

## GERMAN 2

9 10 11 12

IDOE #2042 (GER II)

W2042

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: German 1; students with less than a C- in the previous course must have written teacher approval.

Content: Continued expansion of the basic skills of listening, speaking, reading and writing. Grammar presented in German 1 will be reviewed and new grammar introduced. Conversational topics include descriptions of people, places, and personality traits, cultural and historical stories, geography, history, cultural practices, travel and food. An emphasis on proficiency. Language is constructed and presented through interactive, communication-based lessons in German.

Activities: Whole class and small group communicative activities, collaborative story creation, film and video, original compositions, skits, and games

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

## GERMAN 3

10 11 12

IDOE #2044 (GER III)

W2044

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: German 2; students with less than a C- in the previous course must have written teacher approval.

Content: Completion of basic grammar. Emphasis on proficiency in listening, speaking, reading, writing, and telling stories in German. Continued emphasis on original expression in the language. Further expression of opinions, comparing and contrasting the past and present, reading German literature, and exploration of culture and history. An emphasis on proficiency. Language is constructed and presented through interactive, communication-based lessons in German.

Activities: German as the language of the classroom with whole class and small group communicative activities, collaborative story creation, oral presentations, film and video, original compositions, skits, and games.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

## GERMAN 4

11 12

IDOE #2046 (GER IV)

W2046

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: German 3; students with less than a C- in the previous course must have written teacher approval.

Content: Review of all the basic grammar from previous years. Introduction of advanced grammar needed for college placement exams. A variety of texts are used to stimulate original expression in conversation and written work. Students read dialogues, short stories, poetry and a longer historical drama. Topics include wishes, dreams, travel, language needed to travel Europe, theater, and 20th century history.

Activities: German as the language of the classroom with discussions, skits, original compositions, oral presentations, films, videos, CD's, and the Valparaiso University Theater Fest competition.

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

## IB GERMAN 4 – STANDARD LEVEL

12

IDOE #2308 (IB GER 4 SL)

W230G4

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## GERMAN 5

12

IDOE #2048 (GER V)

W2048

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: German 4; students with less than a C- in the previous course must have written teacher approval.

Content: Advanced Grammar and idiomatic expression; a variety activities and assessments covering Interpretive, Interpersonal, and Presentational aspects of language. Discussion topics include immigration, travel, government & elections, technology & social media, and food & fitness.

Activities: Participation in a German play, discussions based on the above topics, original compositions, letters, journals, films, panel discussions, skits and debates. German as the language of the classroom.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

## IB GERMAN 5 – STANDARD LEVEL

12

IDOE #2308 (IB GER 5 SL)

W230G5

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## JAPANESE I

9 10 11 12

IDOE #2060 (JPN I)

W2060

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Content: Development of proficiency in speaking, listening, writing and reading. Emphasis is on communication in culturally appropriate situations. Conversational topics include: greetings, family, everyday activities, the classroom and the lives of Japanese students. Traditional and modern cultural topics are explored.

Activities: Hiragana and katakana phonetic writing systems are introduced, and communicative skills are learned through a variety of engaging activities.

Supplementary learning aids included: paired and small group activities, films, interactive technology and other activities.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

## JAPANESE 2

9 10 11 12

IDOE #2062 (JPN II)

W2062

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Japanese 1; students with less than a C- in the previous course must have written teacher approval.

Content: Emphasis on spoken language and kanji writing system. Refine and expand knowledge and skills gained in level 1. Conversational topics include weekend activities, school life, hobbies, food, travel and shopping.

Activities: Communicative skills developed through stories, writing, interpersonal and interpretive activities, films and conversations with classmates.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

## JAPANESE 3

10 11 12

IDOE #2064 (JPN III)

W2064

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Japanese 2; students with less than a C- in the previous course must have written teacher approval.

Content: Emphasis on proficiency in speaking, reading, listening and writing. Increased use of kanji. Continuing emphasis on original expression in the language. Introduction of casual forms. Some topics covered include: travel in Japan, cuisine, daily family life, fashion, expressing opinions and history. Short literary selections are read.

Activities: Japanese as the language of the classroom with real-life communicative activities, interpersonal activities, original compositions, films and presentations.

Out-of-Class Time Required: Minimum of two to three hours per week.

Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

## JAPANESE 4

11 12

IDOE #2066 (JPN IV)

W2066

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Japanese 3; students with less than a C- in the previous course must have written teacher approval.

Content: Review of all the basic grammar studied. Much emphasis on original expression in conversation and written work. Use of more sophisticated grammar and expressions. The class is conducted in Japanese with a continued emphasis on culture and history. Literary selections and short articles are read. Also, Japanese comedic storytelling, folktales and haiku are introduced.

Activities: Japanese as the language of the classroom with real-life communicative activities, interpersonal activities, original compositions, films and presentations.

Out-of-Class Time Required: Minimum of two to three hours per week.

Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

## IB JAPANESE 4 – STANDARD LEVEL

12

IDOE #2308 (IB JPN 4 SL)

W230J4

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## JAPANESE 5

12

IDOE #2068 (JPN V)

W2068

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Japanese 4; students with less than a C- in the previous course must have written teacher approval.

Content: Introduction of more advanced grammatical structures and review of basic communicative functions. Students will communicate in realistic and varied situations. Course emphasizes correctly utilizing levels of politeness from casual to honorific. Students will read and create various text types. Focus on contemporary Japanese society, current events, pop culture and history.

Activities: Japanese as the language of the classroom with interpersonal activities, projects, films, online resources, and reading articles, stories and authentic materials.

Out-of-Class Time Required: Minimum of two to three hours per week.

Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

## IB JAPANESE 5 – STANDARD LEVEL

12

IDOE #2308 (IB JPN 5 SL)

W230J5

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## SPANISH 1

9 10 11 12

IDOE #2120 (SPAN I)

W2120

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Content: Basic skills of understanding, speaking, reading and writing in Spanish. Pronunciation stressed and cultural areas introduced.

Activities: Spanish sound system studied; vocabulary learned through drills and dialogues. There is a focus on sentence creation. Supplementary learning aids include: audio recordings, films, CD's, workbooks, paired and small group activities, computer programs, videos and DVDs.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

## SPANISH 2

9 10 11 12

IDOE #2122 (SPAN II)

W2122

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

Prerequisite: Spanish 1; students with less than a C- in the previous course must have written teacher approval.

Content: Emphasis on spoken and written language and language structure.

Activities: Vocabulary learned through stories and dialogues. There is a focus on writing at the paragraph level. Supplementary learning aids include: films, CD's, paired and small group activities, computer programs, videos and DVDs.

Out-of-Class Time Required: Minimum of two hours per week.

Evaluation: Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

## SPANISH 3

10 11 12

IDOE #2124 (SPAN III)

W2124

**Year/2.0 Credits**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

Prerequisite: Spanish 2; students with less than a C- in the previous course must have written teacher approval.

# CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE 2024–2025

**Content:** Proficiency developed in areas of listening, speaking, reading and writing, with emphasis on pronunciation and culture. The Spanish grammar survey is continued and literature is introduced. There is a focus on oral proficiency and interpersonal conversational skills.

**Activities:** Spanish as the language of the classroom. Students work with written exercises and free composition. Originality encouraged in both written and oral Spanish. Activities include paired and small group activities, computer programs, and videos. Short literary selections are read and original skits are presented.

**Out-of-Class Time Required:** Minimum of two hours per week.

**Evaluation:** Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

## SPANISH 4

11 12

IDOE #2126 (SPAN IV)

W2126

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

**Prerequisite:** Spanish 3; students with less than a C- in the previous course must have written teacher approval.

**Content:** The literature, history, and culture of Spain and Latin America. Review some basic grammar from previous years. Introduction of advanced grammar for college placement exams.

**Activities:** Short works of famous and contemporary Spanish and Latin-American authors will be studied and discussed. Work with text and teacher-prepared materials. Individual, partner and small group work. Skits, Internet, original compositions. Short and feature-length films relating to Hispanic culture will be viewed and discussed.

**Out-of-Class Time Required:** Minimum of two to three hours per week.

**Evaluation:** Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

## IB SPANISH 4 – STANDARD LEVEL

12

IDOE #2308 (IB SPAN 4 SL)

W230S4

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.

## SPANISH 5

12

IDOE #2128 (SPAN V)

W2128

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**This course can be taken for Dual Credit.**

**Prerequisite:** Spanish 4; students with less than a C- in the previous course must have written teacher approval.

**Content:** The literature, history, and culture (traditional and contemporary) of Spain and Latin America. Review of basic grammar and advanced grammar for college placement exams.

**Activities:** Feature-length films will be viewed and discussed. Short works of famous and new contemporary Spanish and Latin-American authors and artists will be studied and discussed. A variety of different text types will be read and written. Short and feature-length films will be viewed and discussed. Work with text and teacher-prepared materials. Individual, partner and small group work. Internet, original compositions, oral presentations, conversation.

**Out-of-Class Time Required:** Minimum of two to three hours per week.

**Evaluation:** Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

## ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

12

IDOE #2132 (AP SP LANG)

W2132

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

**NOTE:** Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.

**Prerequisite:** Spanish 4; students with less than a C- in the previous course will not be enrolled.

**Content:** Develop your Spanish language skills and learn about the cultures in Spanish-speaking parts of the world. You'll practice communicating in Spanish and study real-life materials such as newspaper articles, films, music, and books. Units studied: Families in Different Societies; The Influence of Language and Culture on Identity; Influences of Beauty and Art; How Science and Technology Affect our Lives; Factors that Impact the Quality of Life; Environmental, Political, and Societal Challenges.

**Activities:** Feature-length films will be viewed and discussed. Short works of famous and new contemporary Spanish and Latin-American authors and artists will be studied and discussed. A variety of different text types will be read and written. Work with text and teacher prepared materials, individual partner, and small group work. Internet, original compositions, oral presentations, conversation.

**Out-of-Class Time Required:** Two to three hours per week

**Evaluation:** Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

## IB SPANISH 5 – STANDARD LEVEL

12

IDOE #2308 (IB SPAN 5 SL)

W230S5

**Year/2.0 Credits (Weighted Grade)**

**This course counts towards an Academic Honors Diploma.**

See pages 32-35 for description.



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