

CHS COURSE DESCRIPTION GUIDE



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COVER DESIGNED BY:
ANNA WHEELER

2022-2023 Chesterton High School Course Description Handbook

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CHS/INDIANA HIGH SCHOOL DIPLOMA REQUIREMENTS CLASS OF 2023 & BEYOND

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.

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.

All Diplomas require 42 credits	CORE 40	GENERAL DIPLOMA
ENGLISH	8 CREDITS	8 CREDITS
MATH	6 CREDITS (taken in grades 9-12) 2 credits: Algebra 1 2 credits: Geometry 2 credits: Algebra 2/College Algebra Students must take a Math or Quantitative Reasoning Course EACH year in high school **	6 CREDITS 2 credits: Algebra 1 4 credits: Any math course above Algebra 1 but lesser than Core 40 math; 2 Credits in math or quantitative reasoning MUST be taken in the junior or senior year
SCIENCE	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 4 credits: Any science course above Biology 1
SOCIAL STUDIES	6 CREDITS 2 credits: Geography/History of the World (Ancient or Modern) or World History Honors 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics, Microeconomics or Macroeconomics	6 CREDITS 2 credits: Geography/History of the World (Ancient or Modern) or World History Honors 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics
PHYS. ED.	2 CREDITS	2 CREDITS
HEALTH	1 CREDIT	1 CREDIT
TECHNOLOGY	1 CREDIT	1 CREDIT
ADDITIONAL REQUIREMENTS	DIRECTED ELECTIVES (5 CREDITS): World Languages Fine Arts Career and Technical Education (CTE) ELECTIVES: 7 CREDITS	COLLEGE/CAREER PATHWAY COURSES (6 CREDITS): Selecting courses in a deliberate manner to take full advantage of college and career exploration and preparation opportunities. FLEX CREDIT (5 CREDITS): Flex credits must come from one of the following: <ul style="list-style-type: none"> - Additional elective courses in a College and Career Pathway - Courses involving workplace learning such as Work Study or Work Based Learning - High school/college dual credit courses - Additional courses in the academic areas: World Languages or Fine Arts. ELECTIVES: 1 CREDITS

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

** **QUANTITATIVE REASONING COURSES:** Advanced Accounting, Biology 2AP, Calculus AB AP, Calculus BC AP, Chemistry 1 & 2, Chemistry 2 AP, Civil Engineering & Architecture, Computer Integrated Manufacturing, Computer Science 1, Computer Science 2, Computer Science 3: Databases, 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 Mgt 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

All Diplomas require 47 credits	CORE 40 WITH ACADEMIC HONORS	CORE 40 WITH TECHNICAL HONORS
ENGLISH	8 CREDITS	8 CREDITS
MATH	8 CREDITS (in grades 9-12) 2 credits: Algebra I 2 credits: Geometry 2 credits: Algebra 2 or College Algebra 2 credits: Pre-Calculus, Calculus AB AP, Calculus BC AP, AP Statistics, IB Math, Trigonometry, and Finite	8 CREDITS 2 credits: Algebra 1 2 credits: Geometry 2 credits: Algebra 2 or College Algebra All students must complete a senior year math or Quantitative Reasoning Course.
SCIENCE	6 CREDITS 2 credits: Biology 1 2 credits: Chemistry 1, Physics 1, Integrated Chemistry/Physics 2 credits: Additional credits in Chemistry, Physics, Earth/Space Science, Zoology, Environmental Science, AP Sciences, IB Sciences, or PLTW Biomed/Human Body Systems	6 CREDITS 2 credits: Biology 1 2 credits: Chemistry 1, Physics 1, Integrated Chemistry/Physics 2 credits: Additional credits in Chemistry, Physics, Earth/Space Science, Zoology, Environmental Science, AP Sciences, IB Sciences, or PLTW Biomed/Human Body Systems
SOCIAL STUDIES	6 CREDITS 2 credits: World History Honors or History/Geography of the World (Ancient or Modern) 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics, Microeconomics, Macroeconomics	6 CREDITS 2 credits: World History or History/Geography of the World (Ancient or Modern) 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics
PHYS. ED.	2 CREDITS	2 CREDITS
OTHER SUBJECTS	6-8 CREDITS: World Language (6 credits in one language or 4 credits each in two languages) 2 CREDITS: Fine Arts (Visual, Music, Theater, Student Media Gr. 11-12) 1 CREDIT: Technology	6 CREDITS: College/Career Prep: Earn 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 transcribed college credits. 1 CREDIT: Technology
HEALTH	1 CREDIT	1 CREDIT
ELECTIVES	10-12 CREDITS	9 CREDITS
ADDITIONAL REQUIREMENTS	Complete one of the following: A. Earn 4 credits in 2 or more AP courses and take the corresponding exams. B. Earn 6 verifiable transcribed college credits in dual credit courses from the approved dual credit list. C. Earn two of the following: 1. A minimum of 3 verifiable dual credits 2. 2 credits in AP courses with exams 3. 2 credits in IB courses with exams D. Earn an ACT composite score of 26 or higher and complete writing section. E. Earn a composite score of 1250 or higher on the SAT and a minimum of 560 on math and 590 on evidence based reading and writing section. F. Earn 4 credits in IB courses and take the corresponding exams.	Complete one of the following: A. Any one of the options (A-F) of the Core 40 with Academic Honors. B. 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) C. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75. D. Earn the following minimum score(s) on Compass: Algebra 66, Writing 70, Reading 80

**Students must earn a grade of "C" or better in courses that will count toward both diplomas.

**Students must have a grade point average of "B" (3.0) or better to earn either diploma.

**Eight (8) math credits must be taken at the high school in order to earn either diploma.

Chesterton High School Student Recognition

RECOGNITION FOR CLASS OF 2022-2023 (Subject to change for Class of 2024-2025)

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 Ring

The academic ring is an honor bestowed upon senior students at Chesterton High School who have met a rigid set of academic and co-curricular criteria. The criteria for the ring is based on a 15-point scale. In order to earn the ring a student must accumulate 14 points or more and earn a cumulative 4.30 GPA by the 7th semester.

- 1 point for every semester on Principal's Honor Roll (seven points possible)
- 1 point for National Honor Society membership
- 1 point for co-curricular participation each year (4 points possible)
- 1 point for 40 credits earned at seventh semester
- 1 point for no grade below a "B" (seven semesters)
- 1 point for earning a 4.0 grade point average each semester

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.

Advanced Placement (AP) & Project Lead the Way (PLTW)

Students must earn 3 courses in a pathway.

- 1 AP Course
- 1 PLTW Course
- 1 either AP or PLTW Course

How it's scored:

- Earn a 3 or higher on an AP exam
- Earn ACCOMPLISHED or higher on the PLTW End of Course (EOC) Assessment

LEVEL	ENGINEERING	BIOMEDICAL SCIENCE
AP COURSES	AP Biology	AP Biology
	AP Calculus AB	AP Chemistry
	AP Calculus BC	
	AP Chemistry	
	AP Environmental Science	
	AP Physics 1	
	AP Physics 2	
	AP Physics C- Mechanics	
	AP Statistics	
PLTW COURSES	Principles of Engineering	Principles of Biomedical Science
	Computer Int. Manufacturing	Human Body Systems

Determining 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 COCURRICULAR & EXTRACURRICULAR 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.

Academic Planning

PLANNING YOUR SCHEDULE

The Course Description Book, now 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.

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.

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

GRADE 8

Students will meet with a high school counselor to discuss the transition from middle school to high school. Students will complete a Career Interest Inventory, a Reality Store experience, a Career and Technical Education (CTE) presentation, a high school visit, and a group meeting with one of the high school counselors.

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 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. All students not meeting PSAT benchmarks will also take the ASVAB test in the Fall and Spring. 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. Students should also plan to take their first college admission test (SAT and/or ACT) during junior year. Junior students and their parents will be invited to an individual conference with their counselor as well.

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 "chosen next level". Senior students are encouraged to take college visits and meet with college representatives who visit CHS. Financial Aid night is held in October. 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. All senior students who have not met ISTEP requirements will take the ASVAB test in the fall and spring. They may also take the SAT in April.

ALL STUDENTS

- Must satisfy the Indiana Department of Education (IDOE) graduation requirements.
- Will have 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 Student, 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 above 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.

NCAA Courses at Chesterton High School

High School Code 150500

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 = 1

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.

MATHEMATICS	
COURSE WEIGHT/TITLE	COURSE WEIGHT/TITLE
ALGEBRA 1	PROB STATS
H ALGEBRA 1/H	A STATISTICS AP
H ALGEBRA 1/GT	PRE CAL
GEOMETRY	H PRE CAL/HONORS
H GEOMETRY/H	A CALC/AP AB
H GEOMETRY/GT	A CALC/AP BC
ALGEBRA 2	FINITE*
H ALG 2 TRIG	H FINITE HONORS
H ALG 2 TRIG/GT	A IB MATH A&A
TRIG	A IB MATH A&I
QUAN REAS*	COLLEGE ALG
AN. ALG 2*	H COLLEGE ALG H

SOCIAL SCIENCE	
COURSE WEIGHT/TITLE	COURSE WEIGHT/TITLE
G/HIST WLD	A IB HIST 1HL
H G/HIST WLD H	A IB HIST 2HL
WLD HIST	ECONOMICS
H WLD HIST/H	H ECONOMICS/H
US HISTORY	A IB ECON SL
H US HISTORY/H	US GOV
A US HISTORY/AP	H US GOV/H
A ART HISTORY AP	PSYCHOLOGY
A EURO HISTORY AP	A PSYCH AP
ETH. STUDIES	A IB PSYC SL
IN STUDIES	SOCIOLOGY
G/HST WLD-ANCT	A IB PHILOSOPHY
G/HST WLD-MOD	A IB WLD RELIG
A HUMN GEOG AP	

NATURAL/PHYSICAL SCIENCE	
COURSE WEIGHT/TITLE	COURSE WEIGHT/TITLE
BIOLOGY 1	EART SCI
H BIOLOGY/H	ENVRNMTL AP
H ZOOLOGY	INT CHEM/PHY
A BIOLOGY 2/AP	PHYS ANAT
H IB BIO 1HL	PHYSICS 1
H IB BIO 2HL	A PHYSICS 1 AP
CHEM 1	A PHYSICS 2 AP
H CHEM 2	A PHYSICS MECH AP
A CHEM 2 AP	A COMP SCI A AP
H IB CHEM SL	ENV SCIENCE
PLTW HUM BODY SYS	PLTW PRINC BIOMED SCI

ENGLISH	
COURSE WEIGHT/TITLE	COURSE WEIGHT/TITLE
ENG 9	ADV COMP
H ENG 9/H	ENG 12
ENG 10	H ENG 12/H
H ENG 10/H	A ENG LIT/COMP AP
ENG 11	ADV SPEECH
A ENG L/C/AP	A IB ENG 1 HL
NOVELS	A IB ENG 2 HL
WORLD LIT	RHETORIC

ADDITIONAL CORE CLASSES		
COURSE WEIGHT/TITLE	COURSE WEIGHT/TITLE	COURSE WEIGHT/TITLE
FRENCH 1	H GERMAN 5	A IB JPN 5SL
FRENCH 2	A IB GER 4SL	SPANISH 1
FRENCH 3	A IB GER 5SL	SPANISH 2
H FRENCH 4	ASL 1	SPANISH 3
H FRENCH 5	ASL 2	H SPANISH 4
A IB FRENCH 4SL	JAPANESE 1	H SPANISH 5
A IB FRENCH 5SL	JAPANESE 2	A IB SPN 4SL
GERMAN 1	JAPANESE 3	A IB SPN 5SL
GERMAN 2	H JAPANESE 4	A TOK 1
GERMAN 3	H JAPANESE 5	A TOK 2
H GERMAN 4	A IB JPN 4SL	A IB BUS MGT
ASL 3	A IB FILM HL	

*SOME NEW CHS COURSES ARE STILL GOING THROUGH THE NCAA APPROVAL PROCESS



SUPERINTENDENT
Dr. Chip Pettit

PRINCIPAL
Mr. Brent Martinson

COUNSELING OFFICE CHAIR
Mrs. Karen Moffett



MISSION

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 AdvancED, 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.

GRADUATION REQUIREMENTS

All course offerings with full descriptions can be found at www.duneland.k12.in.us/chscourses under "CHS Course Descriptions." Indiana requires 40 credits for graduation, while CHS requires 42 credits and 47 credits for Academic Honors Diploma. Students enrolled in the IB programs must complete the full IB diploma.

SCHOOL DAY

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.

ENGLISH	8 credits
MATHEMATICS	6 credits
SCIENCE	6 credits
SOCIAL STUDIES	6 credits
PHYSICAL EDUCATION	2 credits
HEALTH	1 credit
TECHNOLOGY	1 credit
ELECTIVES	12 credits
DIRECTED ELECTIVES	6 credits

(World Languages, Fine Arts, Career & Technical Education)

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	N 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

GRADUATION RATE

SCHOOL YEAR	GRADUATION RATE
2020-2021	93.0%
2019-2020	93.0%
2018-2019	93.0%
2017-2018	92.0%

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School Counselor Sn-Z

COUNSELING OFFICE STAFF

2021-2022 SCHOOL PROFILE

SCHOOL-WIDE STATISTICS

2023
STUDENTS

68% PURSUE
POST-SECONDARY
EDUCATION

109
FACULTY

CLASS OF 2022

06.01.22
GRADUATION DATE

527
STUDENTS

12
IB CANDIDATES

CEEB CODE: 150500

WWW.DUNELAND.K12.IN.US/CHS

2125 S 11TH STREET | CHESTERTON, INDIANA 46304
OFFICE: 219-983-3730 FAX: 219-983-3775

Dual Credit is a way for high school students to earn college credit at the same time they are earning high school credit. Dual Credit programs offer our students the opportunity to earn college credits and get a head start with college while still in high school.

DUAL CREDIT

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. College credits earned through Dual Credit programs are widely accepted at colleges and universities across the country.

- 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 college campus would cost between \$5,000 and \$9,000

College credits earned through Dual Credit programs are widely accepted at colleges and universities across the country.

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

- If a student drops his or her college credit, he or she may still be enrolled in the high school class
- The grading systems may be different
- 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

DUAL CREDIT COURSES OFFERED AT CHESTERTON HIGH SCHOOL

ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	WORLD LANGUAGE	BUSINESS	INDUSTRIAL TECH
Advanced Composition	AP Calculus AB	AP Biology 2	Government Honors	French 3, 4, 5	Advanced Accounting	Introduction to Engineering Design
World Literature 1	IB Math Analysis & Approaches SL	AP Chemistry	AP Macroeconomics	German 3, 4, 5	Business Law & Ethics 1	Principles of Precision Machining
World Literature 2	Pre-Calculus/Trigonometry	Chemistry 2	AP Microeconomics	Japanese 4, 5	Computer Science 1	
Rhetoric & Argument	Pre-Calculus/Trigonometry Honors	Earth & Space Science 1	AP U.S. History	Spanish 3, 4, 5	Marketing Fundamentals	
	College Algebra		U.S. History		Principles of Business Management	
	College Algebra Honors		U.S. History Honors		Principles of Broadcasting	
	Finite Mathematics		World History & Civilization Honors			
	Finite Mathematics Honors					
	Quantitative Reasoning					

*DUAL CREDIT DISCLAIMER

Please note that all Dual Credit courses at CHS are subject to change pending student registration with the university and/or teacher accreditation.

HONORS, GT, & ADVANCED PLACEMENT COURSES

CHS offers 24 Honors classes, 2 GT courses and 15 AP courses

ART

AP Art History, AP Studio Art

ENGLISH

English Honors (Grades 9-12), AP Literature, AP Language & Composition

MATHEMATICS

Honors Algebra I, Geometry & Pre-Calculus, GT Geometry, Algebra II/Trig, AP Calculus AB & BC, AP Statistics, and AP Computer Science A

SCIENCE

Honors Biology I, Chemistry II, Physiology/Anatomy, Zoology, AP Biology II, AP Chemistry II, AP Physics I & II, AP Environmental Science, AP Physics C

SOCIAL STUDIES

Honors Geography/World History, World History, US History, US Government, Economics, AP European History, AP US History, AP Human Geography, AP Psychology

WORLD LANGUAGE

French, German, Japanese, & Spanish (levels 4 & 5)

GROUP 1 - LANGUAGE A

IB English HL

GROUP 2 - LANGUAGE B

IB French SL
IB German SL
IB Japanese SL
IB Spanish SL

GROUP 3 - INDIVIDUALS & SOCIETIES

IB History of the Americas HL
IB Psychology SL
IB Philosophy SL
IB World Religions SL
IB Business & Management SL

GROUP 4 - SCIENCE

IB Biology SL & HL
IB Physics SL
IB Chemistry SL
IB Environmental Systems & Societies SL

GROUP 5 - MATHEMATICS

IB Mathematics: Analysis & Approaches SL & HL
IB Mathematics: Applications & Interpretations SL

GROUP 6 - FINE ARTS

IB Visual Art SL & HL

OTHER COMPONENTS

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



16
SUBJECTS

408
STUDENTS
717
EXAMS

INTERNATIONAL BACCALAUREATE PROGRAM COURSES

TESTING DATA

ACT

YEAR	COMPOSITE	ENGLISH	MATH
2021	25.5	24.7	25.7
2020	24.7	23.9	24.2
2019	25.0	24.9	24.7

SAT

YEAR	ERW	MATH
2021	586	577
2020	575	572
2019	573	571

NATIONAL MERIT

	2022	2021	2020
SEMI-FINALISTS	3	6	12
COMMENDED	4	3	6
FINALISTS	TBA	5	12

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

Adrian College
Albion College
Alma College
AMD College of the
Performing Arts
Ancilla College
Anderson University
Aquinas College
Arizona State University
Augustana College
Aurora University
Baldwin Wallace University
Ball State University
Belmont University
Benedictine University
Bethel University
Bradley University
Brigham Young University-Idaho
Brigham Young University-Provo
Butler University
Case Western Reserve University
Cedarville University
Central Michigan University
Columbia College-Chicago
Concordia University-Chicago
Cornell College
Cornell University
DePaul University
DePaul University
Doshisha University-Kyotanabe
Embry-Riddle Aeronautical University
Fisk University
Florida Atlantic University
Florida Gulf Coast University
Franklin College
George Washington University
Georgia Gwinnett College

Gordan College
Goshen College
Grace College
Grand Valley State University
Henry Ford College
Hope College
Huntington University
Illinois Institute of Technology
Illinois State University
Indiana State University
Indiana University-Purdue University
of Indianapolis
Indiana University
Indiana University Northwest
Indiana University South Bend
Indiana Wesleyan University
Iowa Central Community College
Iowa State University
Ithaca College
Ivy Tech Community College
Kentucky Wesleyan College
Lake Michigan College
Lake Superior State 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
Michigan State University
Millikin University
Milwaukee School of Engineering
Morris College

Mount St. Joseph University
Mount Vernon Nazarene University
Northwestern University
Notre Dame College
Ohio Northern University
Ohio University
Olivet Nazarene University
Penn State University
Portland State University
Princeton University
Purdue University
Purdue University Fort Wayne
Purdue University Northwest
Reed College
Ringling College of Art & Design
Rose-Hulman Institute
of Technology
Saint Ambrose University
Saint Louis University
Saint Mary's College (IN)
Saint Xavier University
San Diego State University
Santa Clara University
Savannah College of Art & Design
School of the Art Institute of Chicago
Skidmore College
Southern New Hampshire University
SUNY Oneonta
Syracuse University
Taylor University
Trine University
United States Naval Academy
University of Alabama
University of Arizona
University of Arkansas
University of Central Florida
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 Northwestern Ohio
University of Notre Dame
University of Oregon
University of Pennsylvania
University of Saint Francis (IN)
University of Southern California
University of Southern Indiana
University of Tampa
University of Utah
University of Wisconsin-Madison
University of Wisconsin-Stout
University of Wyoming
Valparaiso University
Vincennes University
Virginia Military Institute
Wabash College
Wabash Valley College
Wesleyan University
West Virginia University
Western Michigan University
Wittenberg University
Xavier University

International Baccalaureate



The International Baccalaureate Diploma Program is a two-year program with a comprehensive and rigorous liberal arts curriculum, leading to examinations in the junior and senior year. IB Diploma students receive a Chesterton High School diploma and an additional diploma from the IB Organization. The IB courses are recommended and highly regarded by colleges as demanding and challenging. College applications that include IB coursework in high school may be given preferential consideration for admissions and often advanced credit depending on each college.

Diploma candidates must select one of these weighted-grade courses from each of six academic areas: English, Language B, Social Studies, Science, Math, Art/ Elective. 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: English 1A – HL

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

Group 3: History of the Americas HL, Psychology SL, Business Management and Theory SL

Group 4: Biology HL, Biology SL, Chemistry SL

Group 5: Math Applications & Interpretations SL

Group 6: Art HL or SL, Film 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.

All IB courses are taken in the junior and senior years. One SL course may be scheduled and completed in Grade 11—not including World Language and Math.

GROUP 1 – ENGLISH

IB ENGLISH 1A - HL

11

Year/2.0 Credits

IB ENG HL \ E013IB

This course counts towards an Academic Honors Diploma.

Prerequisites: English 9 (E01140) and English 10 (E01200)

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 ENGLISH 1A - HL

12

Year/2.0 Credits (Weighted Grade)

IB ENG 2 HL \ E014IB

This course counts towards an Academic Honors Diploma.

This is the second year of the IB English 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 analyses 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 B

IB LANGUAGE B - SL

12

IB SPANISH B - SL, IB GERMAN B - SL,

IB FRENCH B - SL, IB JAPANESE B - SL

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

Prerequisites: World Language – Grades 9, 10, 11

IB 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 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 OF THE AMERICAS - HL

11

Year/2.0 Credits (Weighted Grade)

IB HIST 1 HL \ U021IB

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, World War Two and the Americas, 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 OF THE AMERICAS - HL

12

Year/2.0 Credits (Weighted Grade)

IB HIST 2 HL \ U022IB

This course counts towards an Academic Honors Diploma.

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 following dictators: Hitler, Stalin, and Mao. Then the class will cover events from the Cold War from an international perspective. 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.

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IB PSYCHOLOGY - SL

11 12

Year/2.0 Credits (Weighted Grade) IB PSYC SL \ U025IB
This course counts towards an Academic Honors Diploma.

IB Psychology offers students a broad understanding of psychology and its different theoretical approaches. Students are guided through the study of human behavior by examining key topics from three different perspectives: biological, cognitive, and sociocultural. Through diverse methods of psychological inquiry and research including statistical and ethical issues in psychological research, students will study topics such as experimental psychology, abnormal psychology, dysfunctional behavior, gender psychology, intelligence and personality, social psychology. Students must also complete one 15-hour research study, in which students replicate a simple psychological experiment. Students are evaluated locally but at the end of the year students take two exams that are graded externally by the IB organization. The research paper is assessed by the CHS teacher and externally moderated by the IB world organization.

IB PHILOSOPHY - SL

11 12

Year/2.0 Credits (Weighted Grade) IB PHIL SL \ U026IB
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.

IB WORLD RELIGIONS - SL

11 12

Year/2.0 Credits (Weighted Grade) IB WREL SL \ U027IB
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 IB DP world religions course is a systematic, analytical yet empathetic study of the variety of beliefs and practices encountered in nine main religions around the world. The course seeks to promote an awareness of religious issues in the contemporary world by requiring the study of a diverse range of religions. The religions are studied in such a way that students acquire a sense of what it is like to belong to a particular religion and how that influences the way in which the followers of that religion understand the world, act in it, and relate and respond to others.

IB BUSINESS AND MANAGEMENT - SL

11 12

Year/2.0 Credits (Weighted Grade) IB BUS MGT/THRY SL \ B351IB
This course counts towards an Academic Honors Diploma.

Certificate Course
This one-year IB course may be taken in Grade 11 or Grade 12.

Recommended Prerequisite: Accounting Fundamentals (B35090)

Content: Five topic areas of business are investigated: business organization, human resources, accounts and finance, marketing and operations management. The IB course curriculum will be followed. There is an internal assessment component project that is moderated by the IB World Organization and an externally assessed exam taken in May. The course is recognized for advanced placement by many colleges.

Activities: Textbook reading and assignments, an internal assessment research project, discussions, internet-based work, presentation, etc.

Out-of-Class Time: One to two hours per week, depending on assignment

Evaluation: Daily work, in-class tests, IB internal assessment project, and exams.

GROUP 4 – EXPERIMENTAL SCIENCES

IB BIOLOGY 1 - HL

11

Year/2.0 Credits (Weighted Grade) IB BIO 1 HL \ C030IB
This course counts towards an Academic Honors Diploma.

Prerequisites: Biology 1 (C03020) and Chemistry 1 (C03210)

The first year of this two-year course will focus on biochemistry, cell biology, molecular genetics, inheritance, evolution, and ecology. Students will also learn how to collect, record, process and interpret data. A combination of traditional lectures combined with textbook reading, lab activities, and computer simulations will be used. Lab activities will target the design of experiments that will reinforce the scientific method, repeat the well-known research that has predictable results, and include simple activities that reinforce assessment concepts. Through this two-year course, students will conduct a group project with all science students.

IB BIOLOGY 2 - HL

12

Year/2.0 Credits (Weighted Grade) IB BIO 2 HL \ C031IB
This course counts towards an Academic Honors Diploma.

The second year of IB Biology HL will deal with topics 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. This course is assessed through three written exam papers, which constitute 80% of the final IB grade. In addition, students must set up, carry out and report on a scientific experiment and complete a comprehensive laboratory investigation. This work constitutes the remaining 20% of the final grade. This work is internally assessed by the CHS teacher and externally moderated by the IB world organization.

IB BIOLOGY 1 - SL

11 12

Year/2.0 Credits (Weighted Grade) IB BIO 1 SL \ C029IB
This course counts towards an Academic Honors Diploma.

This one year course may be taken in Grade 11 or 12. It will deal with the topics of cellular biology, molecular biology, genetics, ecology, evolution and biodiversity and human physiology. This course is assessed through three written exam papers, which constitute 80% of the final IB grade. In addition, students must set up, carry out and report on a scientific experiment and complete a comprehensive laboratory investigation. This work constitutes the remaining 20% of the final IB grade. This work is internally assessed by the CHS teacher and externally moderated by the IB world organization. Students will also complete a group project with all other science students.

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IB ENVIRONMENTAL SYSTEMS & SOCIETIES (ESS) - SL

11 12

Year/2.0 Credits (Weighted Grade) **IB ENV SL / C033IB**
This course counts towards an Academic Honors Diploma.

Environmental Systems and Societies (ESS) is an interdisciplinary course offered only at standard level (SL). This course can fulfill either the individuals and societies or the sciences requirements.

ESS is firmly grounded in both a scientific exploration of environmental systems in their structure and function, and in the exploration of cultural, economic, ethical, political and social interactions of societies with the environment. As a result of studying this course, students will become equipped with the ability to recognize and evaluate the impact of our complex systems of societies on the natural world.

GROUP 5 – MATHEMATICS

IB MATHEMATICS: APPLICATIONS & INTERPRETATIONS - SL

12

Year/2.0 Credits (Weighted Grade) **P/CAL MS IB / M051IB**
This course counts towards an Academic Honors Diploma.

Prerequisites: Algebra 2/Trig (M04620)

Recommended: Probability and Statistics in Grade 12

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 - SL

11 12

Year/2.0 Credits (Weighted Grade) **A683IB**
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 March 1—applications available February 1. Summer studio and investigative work is required. 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.

An Investigative Workbook (sketchbook journal) 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. 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.

Out-of-Class Time Required: 8-10 hours per week

Material Cost: Minimum \$50.

IB VISUAL ARTS - HL

11 12

Years/4.0 Credits (Weighted Grade) **A684IB (11) / A685IB (12)**
This course counts towards an Academic Honors Diploma.

Certificate Course

Please see IB Visual Arts SL for course description.

IB FILM - HL

11 12

Year/2.0 Credits (Weighted Grade) **T077IB (11) / T078IB (12)**
This course counts towards an Academic Honors Diploma.

Certificate Course

This one-year course may be taken in Grade 11 or Grade 12.

Content: This two-year course is 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, projects and exams

THEORY OF KNOWLEDGE

IB THEORY OF KNOWLEDGE [Semester 2]

11

Semester/1.0 Credit (Weighted Grade) **TOK 11 IB / Y99190**

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 "Ways of Knowing" - perception, emotion, reason, language, memory, intuition, and faith- and consider how the areas of mathematics, history, the arts, natural science, religious knowledge systems, indigenous knowledge systems and ethics help us determine how 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 compositions to share their ideas with their classmates and instructor.

IB THEORY OF KNOWLEDGE [Semester 1]

12

Semester/1.0 Credit (Weighted Grade) **TOK 12 IB / Y99191**

This second semester of Theory of Knowledge completes the IB course. Seniors will continue their study from an international, interdisciplinary perspective. In addition to discussion, journals, presentations, and compositions, IB Theory of Knowledge seniors will complete two formal assessments:

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a 1200-1600 word essay and a formal oral presentation. The essay is a response to an IB prompt and is externally assessed by an IB examiner. The oral presentation and self-evaluation report are scored by the student and the CHS teacher. Scores are then sent to the IB world organization for review.

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 Philosophy- SL
IB World Religions- SL
IB Business & Management- SL

IB Visual Arts- HL
IB Visual Arts- SL
IB Film- HL

Art

INTRODUCTION TO 2-DIMENSIONAL ART 9 10 11 12

Semester/1.0 Credit

A68010

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.

ADVANCED 2-DIMENSIONAL ART 11 12

Year/2.0 Credits

A68200

Senior Portfolio Grade 12

This course counts towards an Academic Honors Diploma.

This course can be taken as IB Prep for juniors interested in IB Visual Art SL as a senior.

Prerequisite: Students should have at least 4 or more art credits with a minimum of B average with a concentration in 2 dimensional media. Interested students must make written application to the art department by February 28th—applications available February 1st. Summer studio and investigative work is required.

Content: Product oriented class designed to help Senior Art students

prepare a high quality portfolio of work for entrance to college/art school programs that will demonstrate student's ability to work with themes, goals, independent exploration as well as verbal and written articulation of success and accomplishment. Must be able to keep a visual journal as the documentation/evidence of research, exploration of media, and all planning/reflection for studio work. This class aligns with the criteria and expectations set for IB VISUAL ART. (Course description in IB section Group 6- THE ARTS)

Activities: Investigative workbook research of media/idea exploration, studio work, written reviews/reflections/assessments, gallery/museum visits, class critiques/discussions mid April gallery exhibit.

Out of Class Time Required: 8-10 hours per week

Evaluation: Group and individual critiques, written self-evaluations/artist statements and exhibition of work which aligns with the International Baccalaureate Diploma requirements and assessments.

DIGITAL DESIGN 1 9 10 11 12

Semester/1.0 Credit

A68180

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: 1-2 hours average per week

Cost: Ink, Paper

Evaluation: Individual/Group Critiques, written/online self-evaluations, daily participation, completion and execution of work.

DIGITAL DESIGN 2 10 11 12

Semester/1.0 Credit

A68190

This course counts towards an Academic Honors Diploma.

Prerequisite: Digital Design 1 (A68180) with B- or better

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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.

Cost: Ink, paper

Out-Of-Class Time Required: More extensive projects will require 1-2 hours outside of class.

Evaluation: Individual/group critiques, written/online self-evaluations, daily participation, completion and execution of work.

DIGITAL DESIGN 3

11 12

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Digital Design 1 (A68180) and Digital Design 2 (A68190) with B- or better 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: 2-3 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

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Digital Design 1 (A68180), Digital Design 2 (A68190) and Digital Design 3 (A68195) with B- or better 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: 2-3 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

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 1 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

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Sculpture 1 (A68020) with B- or better

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

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Sculpture 1 (A68020) and Sculpture 2 (68030) with B- or better 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: 2-3 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

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Sculpture 1 (A68020), Sculpture 2 (A68030) and Sculpture 3 (A68035) with B- or better 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, meth-

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ods, 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: 2-3 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

Semester/1.0 Credit

A68040

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 1 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

Semester/1.0 Credit

A68050

This course counts towards an Academic Honors Diploma.

Prerequisite: Printmaking 1 (A68040) with B- or better

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 2 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

Semester/1.0 Credit

A68055

This course counts towards an Academic Honors Diploma.

Prerequisite: Printmaking 1 (A68040) and Printmaking 2 (A68050) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68065

This course counts towards an Academic Honors Diploma.

Prerequisite: Printmaking 1 (A68040), Printmaking 2 (A68050) and Printmaking 3 (A68055) with B- or better 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: 2-3 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 1

9 10 11 12

Semester/1.0 Credit

A68060

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

Semester/1.0 Credit

A68070

This course counts towards an Academic Honors Diploma.

Prerequisite: Ceramics 1 (A68060) with B- or better

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: 2-3 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

Semester/1.0 Credit

A68075

This course counts towards an Academic Honors Diploma.

Prerequisite: Ceramics 1 (A68060) and Ceramics 2 (A68070) with B- or better 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 ap-

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plied 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: 2-3 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

Semester/1.0 Credit

A68076

This course counts towards an Academic Honors Diploma.

Prerequisite: Ceramics 1 (A68060), Ceramics 2 (A68070) and Ceramics 3 (A68075) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68080

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 1-2 hours per week

Evaluation: Individual projects, critiques, written evaluations, daily participation, personal growth, and completion of work.

DRAWING 2

10 11 12

Semester/1.0 Credit

A68090

This course counts towards an Academic Honors Diploma.

Prerequisite: Drawing 1 (A68080) with B- or better

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

Semester/1.0 Credit

A68091

This course counts towards an Academic Honors Diploma.

Prerequisite: Drawing 1 (A68080) and Drawing 2 (A68091) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68092

This course counts towards an Academic Honors Diploma.

Prerequisite: Drawing 1 (A68080), Drawing 2 (A68090) and Drawing 3 (A68091) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68100

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 1 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.

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PAINTING 2

10 11 12

Semester/1.0 Credit

A68110

This course counts towards an Academic Honors Diploma.

Prerequisite: Painting 1 (A68100) with B- or better

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 2 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

Semester/1.0 Credit

A68115

This course counts towards an Academic Honors Diploma.

Prerequisite: Painting 1 (A68100) and Painting 2 (A68110) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68116

This course counts towards an Academic Honors Diploma.

Prerequisite: Painting 1 (A68100), Painting 2 (A68110) and Painting 3 (A68115) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68120

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

Semester/1.0 Credit

A68125

This course counts towards an Academic Honors Diploma.

Prerequisite: Jewelry 1 (A68120)

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

Semester/1.0 Credit

A68126

This course counts towards an Academic Honors Diploma.

Prerequisite: Jewelry 1 (A68120) and Jewelry 2 (A68125) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68127

This course counts towards an Academic Honors Diploma.

Prerequisite: Jewelry 1 (A68120), Jewelry 2 (A68125) and Jewelry 3 (A68126) with B- or better 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

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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: 2-3 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

Semester/1.0 Credit

A68130

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, photographs, multiple prints.

Out-of-Class Time Required: 1-2 hours monthly.

Cost: Costs can be up to \$100 per semester

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

Semester/1.0 Credit

A68140

This course counts towards an Academic Honors Diploma.

Prerequisite: Photography 1 (A68130) with B- or better. 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 weekly.

Evaluation: Individual completion of projects that encompass studio work, photo journalism, site photography, and product photography.

PHOTOGRAPHY 3

11 12

Semester/1.0 Credit

A68145

This course counts towards an Academic Honors Diploma.

Prerequisite: Photography 1 (A68130) and Photography 2 (A68140) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68147

This course counts towards an Academic Honors Diploma.

Prerequisite: Photography 1 (A68130), Photography 2 (A68140) and Pho-

tography 3 (A68145) with B- or better 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: 2-3 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

Semester/1.0 Credit

A68150

This course counts towards an Academic Honors Diploma.

Prerequisite: Digital Design 1 (A68180)

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 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 1 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

Semester/1.0 Credit

A68160

This course counts towards an Academic Honors Diploma.

Prerequisite: Visual Communication 1 (A68150) with B- or better

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 1 hour per week

Evaluation: Individual and group projects, critiques, written evaluations, daily participation, personal growth, and completion of work.

VISUAL COMMUNICATION 3

11 12

Semester/1.0 Credit

A68165

This course counts towards an Academic Honors Diploma.

Prerequisite: Visual Communication 1 (A68150) and Visual Communication 2 (A68160) with B- or better and teacher approval. Students will

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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: 2-3 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 4

12

Semester/1.0 Credit

A68166

This course counts towards an Academic Honors Diploma.

Prerequisite: Visual Communication 1 (A68150), Visual Communication 2 (A68160) and Visual Communication 3 (A68165) with B- or better 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: 2-3 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.

ART HISTORY [Advanced Placement]

9 10 11 12

Year/2.0 Credits (Weighted Grade)

A68400

This course counts towards an Academic Honors Diploma.

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: 3-5 hours per week

Evaluation: AP Art History exam

STUDIO ART [Advanced Placement]

11 12

Year/2.0 Credits (Weighted Grade)

A68500

This course counts towards an Academic Honors Diploma.

Prerequisite: There are no prerequisites for AP Studio Art, however experiences in studio art courses that address conceptual, technical, and critical thinking skills can support student success in the AP Studio Art Program.

Content: AP Studio Art students work with diverse media, styles, subjects, and content. Three portfolios of work will be developed while focusing on: A Range of Approaches (Breadth), Sustained Investigation (Concentration), and Selected Works (Best Quality). Students' work is informed and guided by observation, research, experimentation, discussion, critical analysis, and reflection relating individual practices to the art world. Students are asked to document their artistic ideas and practices to demonstrate conceptual and technical development over time. The AP Studio Art Program supports students in becoming inventive artistic scholars who contribute to visual culture through art making.

Activities: Students will create a body of work unified by a visual or conceptual theme. This portfolio will incorporate artistic intention, critical analysis, innovative thinking and systematic investigation through any two-dimensional medium or process, such as graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. All work will be accompanied by a rigorous process of systematic investigation, cultural research and artistic intention.

Out-of-Class Time Required: 3-5 hours per week

Evaluation: AP Studio Art portfolio and written artist statement.

IB VISUAL ARTS - HL

11 12

Year/2.0 Credits (Weighted Grade)

A6841B, A6851B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

IB VISUAL ARTS - SL

11 12

Year/2.0 Credits (Weighted Grade)

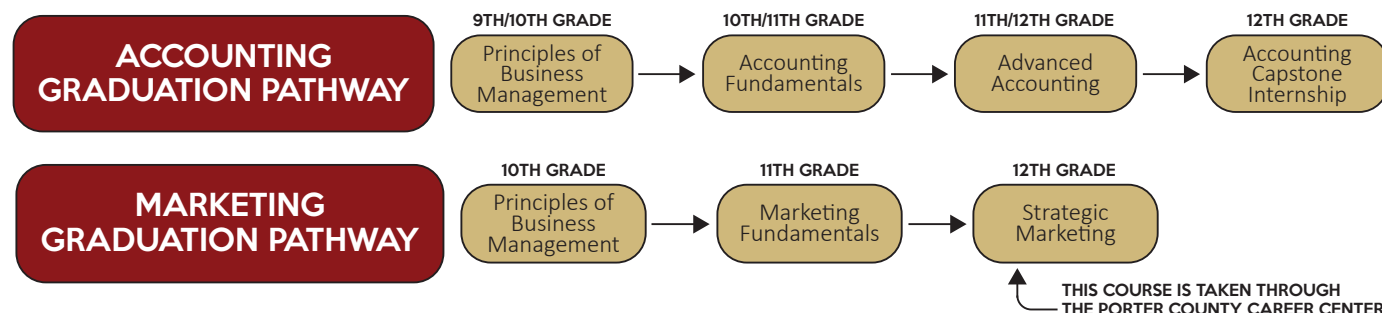
A6831B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

Chesterton High School Course Description Guide: 2022-2023

Business



PRINCIPLES OF BUSINESS MANAGEMENT 9 10 11 12

Year/2.0 Credit

B25000

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, personal finance and law. Other topics included are career exploration, Internet stock market investing, ethics and a "Trump apprentice" activity. Get acquainted with other business courses/majors with this introductory business class.

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.

ACCOUNTING FUNDAMENTALS 10 11 12

Year/2.0 Credits

B35090

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.

ADVANCED ACCOUNTING 11 12

Year/2.0 Credits

B35110

This course can be taken for Dual Credit.

Prerequisites: Accounting Fundamentals (B35090)

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, 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.

BUSINESS LAW AND ETHICS 1 11 12

Semester/1.0 Credit

B35310

This course can be taken for Dual Credit.

Content: How often do you get the opportunity to ask a judge, a prosecutor and a lawyer questions about their work? In this class you'll be able to do just that and more. Students will learn concepts that are useful in everyday life. This course provides an overview of the legal system, sources of law, court structure, criminal law, procedural law, substantive law, civil law, contract law, juvenile law, and ethical issues. Strongly recommended for anyone interested in law enforcement, law, politics or business.

Activities: Guest speakers, mock trial, field trip, lecture, chapter exercises, solving case problems, 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.

Evaluation: Projects, tests, presentations, computer work, participation, quizzes, class work, mock trial.

BUSINESS LAW AND ETHICS 2 11 12

Semester/1.0 Credit (Weighted Grade)

B35320

Prerequisite: Business Law & Ethics 1 (B35310)

Content: Building on the concepts from Business Law & Ethics 1, this course explores the topics of ethics, environment, energy, employment, property, and personal (credit, bankruptcy and domestic relations) law. The end of some units will include mock trials. Students will learn concepts that are useful in everyday life. Strongly recommended for anyone interested in law enforcement, law, politics or business.

Activities: Mock trials, field trip, lecture, chapter exercises, solving case problems, 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

Chesterton High School Course Description Guide: 2022-2023

per week for some units.

Evaluation: Projects, tests, presentations, computer work, participation, quizzes, class work, mock trials

INTRODUCTION TO ENTREPRENEURSHIP

11 12

Semester/1.0 Credit

This course can be taken for Dual Credit.

Prerequisite: Digital Applications & Responsibility 1 (T07500)

Content: This course is recommended for students who are interested in owning their own business, however, the topics covered in this course are valuable to anyone who is interested in pursuing a career in the business world. Units of instruction include opportunity, international business, marketing, advertising, promotion, management, finance, accounting, forms of business, legal issues, and ethics.

Activities: Lectures, discussions, chapter exercises, outside speakers, business plan creation, presentations, business simulations and group activities.

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

Evaluation: Unit tests, presentations, quality of discussion, special homework assignments, and business plan presentation.

B35350

PERSONAL FINANCIAL RESPONSIBILITY

10 11 12

Semester/1.0 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 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.

B35550

MARKETING FUNDAMENTALS

10 11 12

Year/2.0 Credits

B35650

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.

PREPARING FOR COLLEGE AND CAREERS

9 10 11 12

Semester/1.0 Credit

B46470

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.

IB BUSINESS AND MANAGEMENT - SL

11 12

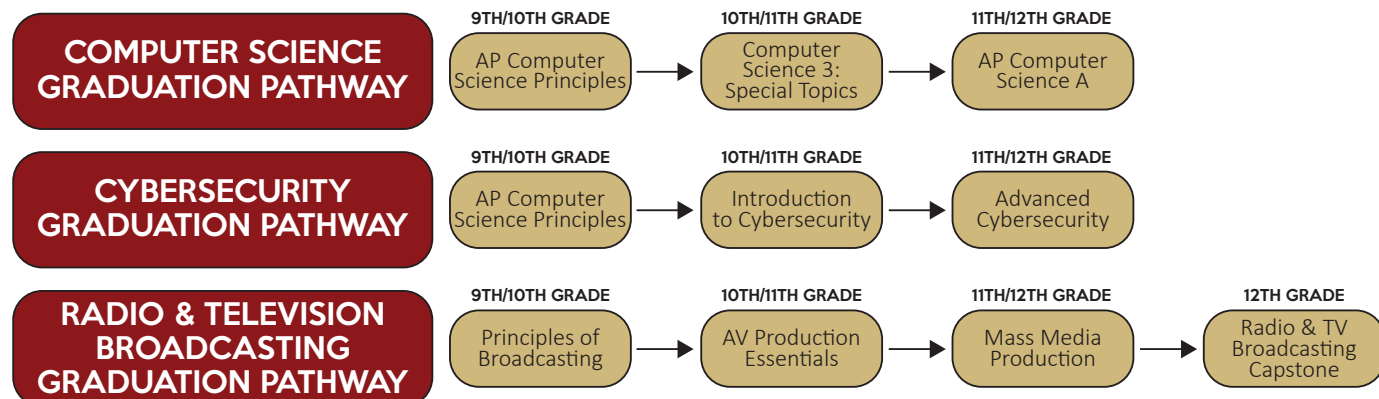
Year/2.0 Credits (Weighted Grade)

B3511B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

Information Technology



DIGITAL APPLICATIONS AND RESPONSIBILITY 1

9 10 11 12

Semester/1.0 Credit

T07500

Content: This introductory, "hands-on" class is the computer course that provides the framework for future computer courses. It is designed to expose students to introductory levels of Microsoft Office. Students will spend time learning the concepts and applications of word processing, databases, spreadsheets, and visual presentations. Upon completion of this course, students will be able to better select future courses that involve more specific software applications.

Activities: Discussions, step-by-step guided practices, applications, projects, presentations, and hands-on skills demonstrations.

Out-of-Class Time Required: None unless student is absent.

Evaluation: Projects, tests, and presentations, computer work, daily grades, and participation.

DIGITAL APPLICATIONS AND RESPONSIBILITY 2

10 11 12

Semester/1.0 Credit

T07505

Prerequisite: Digital Application & Responsibility 1 (T07500)

Content: Students will apply advanced applications to projects using Microsoft Office Suite software including Word, Access, Excel, and PowerPoint. Word processing, spreadsheets, databases, integration, and computerized presentations will be incorporated into the class. Students will incorporate all items to create a final presentation made during class time. All college-bound and business students are encouraged to enroll in this "all-in-one" course.

Activities: Demonstrations, step-by-step guided practices, daily applications, projects, presentations, and use of the Internet for research.

Out-of-Class Time Required: None, unless student is absent.

Evaluation: Objective & Production tests, in-class exercises/projects, participation.

COMPUTER SCIENCE PRINCIPLES [Advanced Placement]

9 10 11 12

Year/2.0 Credits

T07511

Content: The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative

aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems and will discuss and write about the impacts these solutions could have on their community, society, and the world.

Activities: Lectures, discussions, computer projects, computer activities
Out-of-Class Time Required: 3-6 hours per week.

COMPUTER SCIENCE 3, DATABASES

11 12

Year/2.0 Credits

T07650

Prerequisite: Computer Science 1 (T07510) with a "C" average.

Content: Begin with the basics and then move into the more in-depth analysis of database environments including importance in the business world. Discussions, projects and the development of a business application of databases will be studied in this up-and-coming career field. Students will work on team building, work ethics, and communication skills. Having passed Computer Science 1 with a C average is a prerequisite for the course. Can be taken concurrently with Computer Science 2, Programming.

Out-of-Class Time Required: 1-2 hours per week; more if the student has been absent.

COMPUTER SCIENCE 3: SPECIAL TOPICS

11 12

Year/2.0 Credits

T07660

Prerequisite: Computer Science 1 (T07510)

Content: This course is for students that are seriously interested in pursuing programming at a high level. Students will be exposed to other programming software such as Javascript, Python, PHP and more. Other topics that may be discussed include: data storage, data mining, automation, video gaming, cybersecurity, networking, algorithms, cryptography, information theory, and internet infrastructure. A majority of the course assignments will be assessed through in class projects.

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 written work, tests, homework and projects.

COMPUTER SCIENCE A [Advanced Placement]

11 12

Year/2.0 Credits (Weighted Grade)

T07550

Prerequisite: Computer Science 2 (T07600) with a "C" average or Com-

Chesterton High School Course Description Guide: 2022-2023

puter Science 1 (T07510) with a "B+" average; Completed AP Contract
Content: An advanced computer course that provides students with the instruction of content established by the College Board, currently emphasizing object-oriented programming methodology with a concentration on problem solving and algorithm development in Java. The course also includes the study of data structures, design, and abstraction. Students enrolled in this course must take the AP exam on dates set by the College Board in May.

Activities: Lectures, discussions, lab activities, projects, readings, reviews, drills, test preparation, and computer activities.

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

COMPUTER SCIENCE 3: CYBERSECURITY

11 12

Year/2.0 Credits

T07670

Prerequisite: Computer Science AP (T07550) with a "C" average or Computer Science 2 (T07600) with a "B" 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.

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

PRINCIPLES OF BROADCASTING

9 10 11 12

Year/2.0 Credits

T07805

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. Radio & TV 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. There may be projects that will require students to be at school outside of normal school hours.

Evaluation: Quality of projects and performance on quizzes

AV PRODUCTION ESSENTIALS (TV) [Radio & TV 1]

10 11 12

Year/2.0 Credits

T07808

This course can be taken for Dual Credit.

Prerequisite: Principles of Radio & TV (T07805)

Content: Students will learn the basics of television broadcasting and streaming video on the internet. Students will have weekly lectures and tests.

Activities: TV studio use, field production, lecture

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

Evaluation: Tests, quizzes, projects

AV PRODUCTION ESSENTIALS (RADIO) [Radio & TV 1]

10 11 12

Year/2.0 Credits

T07810

This course can be taken for Dual Credit.

Prerequisite: Principles of Radio & TV (T07805)

Content: Students learn the basics of radio broadcasting and streaming audio on the internet. Students will have weekly lectures and quizzes. The class is taught in the WDSO studios at Chesterton High School.

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

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

Evaluation: Tests, quizzes, projects

MASS MEDIA PRODUCTION (RADIO) [Radio & TV 2]

11 12

Year/2.0 Credits

T07812

This course can be taken for Dual Credit.

Prerequisite: Radio & TV 1 (Radio) (T07810)

Content: Students go beyond the basics of radio broadcasting and streaming audio on the internet. Students will have weekly lectures and quizzes, however, this class will have more projects than Radio & TV 1 (Radio). The class is taught in the WDSO studios at Chesterton High School.

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

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

Evaluation: Tests, quizzes, projects

MASS MEDIA PRODUCTION (TV) [Radio & TV 2]

11 12

Year/2.0 Credits

T07813

This course can be taken for Dual Credit.

Prerequisite: Radio & TV 1 (TV) [T07808]

Content: Students go beyond the basics of television broadcasting and streaming video on the internet. Students will have weekly lectures and quizzes, however, this class will have more projects than Radio & TV 1 (TV).

Activities: TV studio use, field production, lecture

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

Evaluation: Tests, quizzes, projects

RADIO AND TV BROADCASTING CAPSTONE

12

Year/2.0 Credits

T07814

This course can be taken for Dual Credit.

Prerequisite: Principles of Communication, Radio or TV 1, Radio or TV 2

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

IB FILM - HL

11 12

Year/2.0 Credits (Weighted Grade)

T077IB, T078IB

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

Chesterton High School Course Description Guide: 2022-2023

English

GRADUATION REQUIREMENTS

Total of 8 credits, 2 per year

Freshman Year:	English 9
Sophomore Year:	English 10
Junior Year:	Refer to English Department Course Progression Chart for options
Senior Year:	Refer to English Department Course Progression Chart for options

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

Required courses in grades 9, 10, and 11 must be successfully completed before students advance to higher levels in English.

9th GRADE ENGLISH

As a result of 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

As a result of 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-B (year course)

Choice 2: English 10 Honors (year course)

11th GRADE ENGLISH

As a result of 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: English 11 AP- Language & Composition (year course, admittance by recommendation)

Choice 2: IB English 1 HL (year course)

Choice 3: Two semester courses, choose as follows:

- Advanced Composition (dual credit, semester course)
- World Literature (dual credit, semester course)

Choice 4: English 11-B (year course)

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: English 12 AP- Literature & Composition (year course, admittance by recommendation)

Choice 2: IB English- HL (year course)

Choice 3: Two semester courses, choose as follows:

- Students who select Advanced Composition for their first semester of English, should select one of the following for their second semester of English: *Novels*, *World Literature 1*, *World Literature 2* or *Rhetoric and Argument*.
- Students who select English 12 for their first semester of

English, should select one of the following for their second semester: *Film Literature* or *Novels*.

With instructors' permission, seniors may take these semester courses as electives if space is available: Basic Journalism, Yearbook, Newspaper, Theater Arts, Film Literature, Novels. (Some Yearbook and Newspaper courses require prerequisites).

ENGLISH 9

9

Year/2.0 Credits

E01140

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

Year/2.0 Credits (Weighted Grade)

E01120

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 student 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 10-B

10

Year/2.0 Credits

E01240

This course counts towards an Academic Honors Diploma.

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

Prerequisite: English 9 (E01140) 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.

Chesterton High School Course Description Guide: 2022-2023

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

Year/2.0 Credits (Weighted Grade)

E01220

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 student must maintain a grade of C or higher.

Prerequisite: English 9 (E01140) 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-B

11

Year/2.0 Credits

E01340

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-B (E01240) 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

ENGLISH 11 LANGUAGE AND COMPOSITION [Advanced Placement]

11

Year/2.0 Credits (Weighted Grade)

E01315

This course counts towards an Academic Honors Diploma.

Prerequisite: English 10 Honors (E01220) or a strong teacher recommendation from English 10-B.

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: 1 to 2 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 ENGLISH 1 - HL

11

Year/2.0 Credits (Weighted Grade)

E0131B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

ADVANCED COMPOSITION

11

Semester/1.0 Credit (Weighted Grade)

E01420

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 Rhetoric and Argument for their second semester requirement.

Prerequisite: English 10-B (E01240) with a grade of "B" or higher AND a strong teacher recommendation after consulting with student. To remain in this class, a student must maintain a grade of "C" or higher.

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: 5-7 hours per week.

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

ENGLISH 12

12

Semester/1.0 Credit

E01430

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-B (E01340)

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.

ENGLISH 12 LITERATURE AND COMPOSITION [Advanced Placement]

12

Year/2.0 Credits (Weighted Grade)

E01400

This course counts towards an Academic Honors Diploma.

Prerequisite: Completion of English 11 AP (E01315) and teacher recommendation; Completed AP contract

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 student 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: 7 to 12 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.

WORLD LITERATURE 1

11 12

Semester/1.0 Credit (Weighted Grade)

E01415

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Advanced Composition (E01420)

Content: World Literature, a course based on the Indiana Academic

Chesterton High School Course Description Guide: 2022-2023

Standards for English/Language Arts, is a study of ancient and modern 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

Semester/1.0 Credit (Weighted Grade)

E01416

**This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.**

Prerequisite: Advanced Composition (E01420)

Content: World Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of ancient and modern 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.

ENGLISH 12 FILM LITERATURE

12

Semester/1.0 Credit

E153FL

This course counts towards an Academic Honors Diploma.

Prerequisite: English 9 (E01140), English 10-B (E01200), and English 11-B (E01340)

Content: This course is designed to develop student abilities in several different writing styles. Primarily, the course focuses on poetry, descriptive writing, and narrative writing. Elements of style will be discussed, interpreted, and practiced throughout the course.

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: 1- 2 hours per week.

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

NOVELS

12

Semester/1.0 Credit

E01500

This course counts towards an Academic Honors Diploma.

Prerequisite: English 9 (E01140), English 10-B (E01200), and English 11-B (E01340)

Content: This is the companion course for Advanced Composition. This course is designed for college bound students who wish to improve their reading abilities, writing, vocabulary, and composition skills as well as their knowledge of literary criticism strategies. Students will read books of their own choosing, learn domain specific vocabulary words, and research various styles of literary criticism, and analyze the content in books through essay response.

Activities: Fiction books in Novels are selected by the students with teacher guidance from college readiness recommendations. Students will receive background and overviews of popular literary criticism strategies while

also acquiring the vocabulary of domain specific words applicable to various literary criticisms. Each quarter students will produce three analytical essays, composing via the lens of a particular literary criticism strategy. Students will generate analytic pieces of various elements in relation to the literary criticism strategy employed. In addition to reading a writing, students will hone their speaking and interpersonal skills through in-class Socratic seminars. Vocabulary, classwork, writing and speaking are required components of the course and impacts overall grade.

Out-of-Class Time Required: It depends on the book selection, reading speed and comprehension, and study time necessary for skill development. Students will need to read about four hours per week outside class to complete a novel, create notes, and begin composing a rough draft.

Evaluation: Points weighted by category with an emphasis on writing. Accumulation of these points in writing, reading, speaking, and vocabulary will determine grade. All required work must be achieved for course credit.

RHETORIC AND ARGUMENT

12

Semester/1.0 Credit

E01417

**This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.**

Prerequisite: Advanced Composition (E01420)

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 ENGLISH 2 - HL

12

Year/2.0 Credits (Weighted Grade)

E014EB

This course counts towards an Academic Honors Diploma.

See pages 1-4 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:

Intro to Theater Art (E11110)

Student Media (Newspaper) (E11020-E11030)

Student Media (Yearbook) (E11040)

Dramatic Literature (Competitive Speech) (E10010)

Debate (E11140)

ADVANCED SPEECH

11 12

Semester/1.0 Credit

E01390

Prerequisite: Successful completion of English 9 (E01140) and English 10 (E01200).

Content: Students will study and apply the basic principles and techniques of effective oral communication. Students will deliver focused and coherent speeches that convey clear messages, using gestures, tone, and

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vocabulary appropriate to the audience and purpose.

Activities: Students will deliver different types of oral and multi-media presentations, including viewpoint, instructional, demonstration, informative, persuasive, and impromptu.

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

Evaluation: Speeches and presentations done in class, quizzes, tests.

DEBATE

9 10 11 12

Year/2.0 Credits

E11140

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

Year/2.0 Credits

E10010

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.

INTRO TO THEATRE ARTS

9 10 11 12

Semester/1.0 Credit

E11110

This course may be repeated for credit.

Prerequisite: Ability to memorize

Recommendation: An interest in learning about the following aspects of theatre: history, performance, scenic design, costume design, and technical theater.

Content: An introduction to the following fundamentals of theatre: Character analysis and interpretation, performance, play analysis, basic history, scenic design costume design, and technical theatre.

Out-of-Class Time Required: Homework and projects: Memorizing material, designing and building a scale model of a set, selecting costumes, text reading, studying for tests and quizzes.

Independent Work: Play reading, committee work (props, crew, set work), play attendance.

Evaluation: Quizzes, tests, performances, projects

ENGLISH AS A NEW LANGUAGE

9 10 11 12

Year/2.0 Credits

E01100, E01210, E01305, E01405

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

Year/2.0 Credits

E11020, E11030

This course counts towards an Academic Honors Diploma when taken junior or senior year only.

Prerequisite: Journalism (E11010) or one recommendation from an English instructor, and permission of instructor for participation as editor or staff member. Good middle school and/or high school attendance record. Typing ability and/or computer knowledge is recommended.

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

Year/2.0 Credits

E11040

This course may be repeated for credit.

This course counts towards an Academic Honors Diploma when taken junior or senior year only.

Prerequisite: Journalism (E11010) or positive recommendation from an English instructor. Permission from advisor also accepted.

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, completion of work on time, journalistic style, willingness to work with others, attitude and effort towards the publication.

English Course Progression Chart

9TH GRADE

English 9

English 9
Honors

FULL YEAR COURSE

SEMESTER COURSE

Advanced Composition (ENG 111)
is the prerequisite for all other
dual credit English courses.

**All AP, IB, and Dual Credit courses
are weighted**

DUAL CREDIT DISCLAIMER

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.

10TH GRADE

English 10

English 10
Honors

11TH GRADE

English 11-B

AP Language
& Composition

IB English HL
(1st Year)

Advanced
Composition DC

World
Literature 1 DC

World
Literature 2 DC

12TH GRADE

AP Literature &
Composition

IB English HL
(2nd Year)

Advanced
Composition DC

World
Literature 1 DC

World
Literature 2 DC

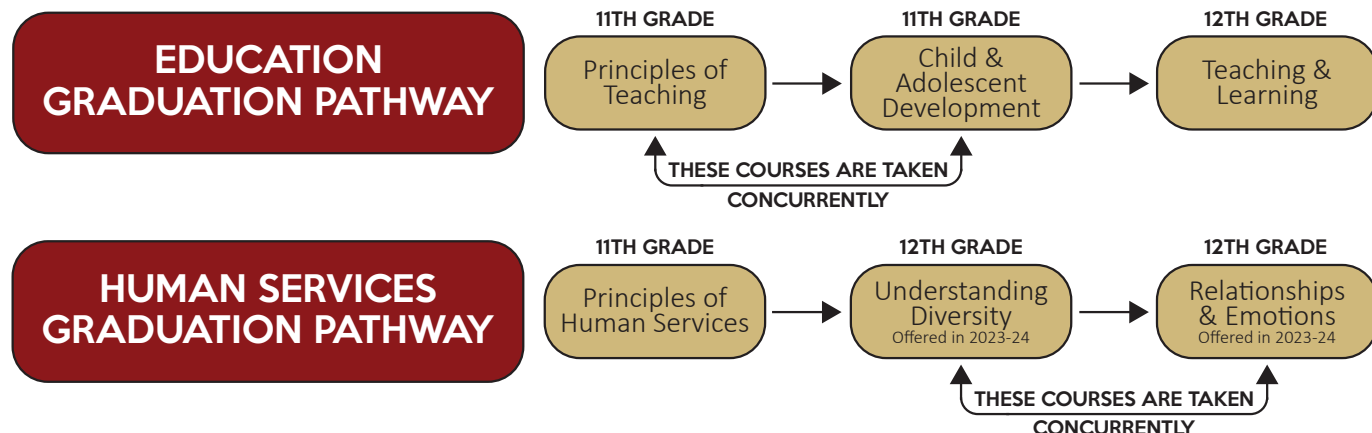
English 12

Novels

Film Literature

Rhetoric &
Argument DC

Family and Consumer Sciences



INTRODUCTION TO CULINARY ARTS AND HOSPITALITY 1 9 10 11 12

Semester/1.0 Credit

H46120

Content: Learn the basic skills needed to work in the culinary field with focus on safety and sanitation, knife skills, sauces/stocks and restaurant operation.

Activities: Lab, in-class restaurant, in-class bakery, hands-on activities and projects

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

Cost: \$27 lab fee

Evaluation: Class participation- 1/5; assignments and projects- 2/5; tests and quizzes- 1/5; final exam- 1/5

INTRODUCTION TO CULINARY ARTS AND HOSPITALITY 2 10 11 12

Semester/1.0 Credit

H46125

Prerequisite: Introduction to Culinary Arts and Hospitality 1 (H46120)

Content: Learn the basic skills needed to work in the culinary industry with a focus on safety and sanitation, restaurant operation and baking. This class expands on Introduction to Culinary Arts and Hospitality 1.

Activities: Lab, in-class restaurant/bakery, hands-on activities and projects

Out-of-Class Time Required: 1 hour per week

Cost: \$27

Evaluation: Class participation- 1/5; assignments and projects- 2/5; tests and quizzes- 1/5; final exam- 1/5

ADVANCED NUTRITION AND WELLNESS 1 9 10 11 12

Semester/1.0 Credit

H46130

Content: This course offers the student an opportunity to further develop abilities in the areas of food preparation, nutrition study, regional foods, and management skills. Students choose many recipes that will be made.

Activities: Lectures, videos/listening guides, study guides, charts, demonstrations, tests and laboratory.

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

Cost: \$27 lab fee

Evaluation: Homework, worksheets, lab planning, notes- 2/5; lab and lab evaluation, quizzes, and tests- 2/5; final exam- 1/5

ADVANCED NUTRITION AND WELLNESS 2 11 12

Semester/1.0 Credit

H46150

Prerequisite: Advanced Nutrition and Wellness (H46130) with a minimum grade average of "C".

Content: This course builds upon the skills in the previous nutrition classes. There is a focus on cake decorating, creating a recipe book, and cooking for special diets.

Activities: Demonstrations, study guides, independent lab work

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

Cost: \$27 lab fee.

Evaluation: Homework, work study guides, lab planning, final exam, evaluations and portfolios.

INTRODUCTION TO FASHION AND TEXTILES 1 9 10 11 12

Semester/1.0 Credit

H46230

Content: In this introductory course, students will learn about the basics of fabric, fibers, and clothing construction. Working in the fashion industry will also be discussed. Students will complete traditional class work as well as 3 sewing projects.

Activities: Class projects, 3 sewing projects- a beginning project, intermediate project, and upcycled project

Out of class time required: Varies; majority of work done in class.

Cost: \$30 and up depending on project **Evaluation:** Class activities and projects- 3/5; tests- 2/5; final exam- 1/5

FASHION AND TEXTILE CAREERS 1 11 12

Year/2.0 Credits

H46210

Content: This course prepares students to enter the field of apparel, textiles, and fashion careers. This course expands on information from the Introduction to Intro to Fashion & Textiles 1 course (H46230).

Activities: Elements and principles of design (create a fashion line), fiber manufacturing (fabric dyeing and sewing project), fashion forecasting, and fashion merchandising.

Out of class time required: Varies; majority of work done in class.

Evaluation: Class activities- 2/5; research and worksheets- 1/5; tests- 1/5; final exam- 1/5

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FASHION AND TEXTILE CAREERS 2

12

Year/2.0 Credits

H46220

Prerequisite: Fashion & Textile Careers 1 (H46210)

Content: This course prepares students to enter the field of apparel, textiles, and fashion careers. This course expands on information from Fashion & Textile Careers 1.

Activities: Real-world merchandising experience, class business, advanced pattern and construction techniques.

Out of class time required: Varies; majority of work done in class.

Evaluation: Assignments and class projects- 3/5; tests and quizzes- 1/5; final exam- 1/5

INTRODUCTION TO HOUSING AND INTERIOR DESIGN

9 10 11 12

Semester/1.0 Credit

H46310

Content: This is the class to take if one is interested in a career within the housing, interior design or the furnishing industry. Introduction to interior decorating by the study of housing needs, room planning, lighting, accessories, and creative touches.

Activities: Reading, room planning, viewing and discussing videos, drawing plans for rooms, and designing an actual house.

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

Evaluation: Worksheets, notes and projects- 2/5; tests and quizzes- 2/5; final exam- 1/5

HOUSING AND INTERIOR DESIGN CAREERS 1

11 12

Semester/1.0 Credit

H46315

Prerequisite: Intro to Housing & Interior Design (H46310)

Content: This course will help students interested in entering the field of interior design and related housing careers.

Activities: Real-world design experience for specific clients and designers. Projects vary, but may include design/mood boards, creating interior plans for homes, staging rooms and learning about different interior furnishings.

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

Evaluation: Assignments and class projects- 3/5; tests and quizzes- 1/5; final exam- 1/5

PRINCIPLES OF TEACHING

11 12

Year/4.0 Credits - 1 block per day

H46500

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

Year/2.0 Credits

H46505

This is a companion course with Principles of Teaching (H46500). Both classes must be taken together.

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. **Must have own transportation.**

Activities: hour

Out-of-Class Time Required: Varies

Evaluation: Supervising teacher, teacher portfolio, observations

EDUCATION PROFESSIONS 2 [Cadet Teaching]

12

Year/4.0 Credits - 1 block per day

Y96951

Prerequisite: Principles of Teaching 1 (H46500). College bound 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

ADVANCED CHILD DEVELOPMENT 1

10 11 12

Semester/1.0 Credit

H46410

Content: Pregnancy, childbirth and children to the age of three with an emphasis on responsible parenting techniques.

Activities: Baby Think It Over, hands-on activities and projects

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

Evaluation: Class participation- 1/5; assignments and project- 2/5; tests and quizzes- 1/5; final exam- 1/5

ADVANCED CHILD DEVELOPMENT 2

10 11 12

Semester/1.0 Credit

H46415

Prerequisite: Advanced Child Development 1 (H46410)

Content: Focuses on children ages 4-8, education of children and children with special needs.

Activities: In-class preschool for children 3-5, hands-on activities and projects

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

Evaluation: Class participation- 1/5; assignments and project- 2/5; tests and quizzes- 1/5; final exam- 1/5.

INTERPERSONAL RELATIONSHIPS

9 10 11 12

Semester/1.0 Credit

H46420

Content: This course is designed to help students develop the skills necessary for establishing and maintaining healthy relationships at home, school, work, and the community. It is relevant for students interested in careers that involve interacting with people. Topics include friendship, dating and emotions, family relationships, communication skills, coping with stress, conflict resolution, and developing leadership skills.

Out-of-Class Time Required: One hour.

Evaluation: Worksheets, tests and projects- 2/5; tests and quizzes- 2/5; and final exam- 1/5.

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ADULT ROLES AND RESPONSIBILITY 9 10 11 12

Semester/1.0 Credit

H46440

Content: This course builds knowledge, skills, attitudes, and behaviors that students will need as they complete high school and prepare to take the next steps toward adulthood. Topics include goal setting, college and careers, finances, basic cooking and hand sewing skills.

Activities: Budget planning, samples, videos, and projects.

Cost: \$20 Lab fee.

Out-of-Class Time Required: One hour per week for out-of-class assignments.

Evaluation: Class participation- 1/5; worksheets- 2/5; tests- 2/5

PRINCIPLES OF HUMAN SERVICES 1 12

Year/2.0 Credits

H46480

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

**Open to seniors who have previously taken Human Services 1.*

Industrial Technology

ENGINEERING/PLTW GRADUATION PATHWAY

9TH/10TH GRADE

Introduction to Engineering Design

10TH/11TH GRADE

Principles of Engineering

11TH/12TH GRADE

Computer Integrated Manufacturing

CONSTRUCTION TRADES GRADUATION PATHWAY A

9TH/10TH GRADE

Principles of Construction Trades

10TH/11TH GRADE

Principles of Construction General Carpentry

11TH/12TH GRADE

Principles of Construction Framing & Finishing

12TH GRADE

Construction Trades Capstone

BUILDING TRADES

CONSTRUCTION TRADES GRADUATION PATHWAY B

BUILDING TRADES YEAR 1

11TH GRADE

Principles of Construction Trades

BUILDING TRADES YEAR 2

12TH GRADE

Principles of Construction General Carpentry

12TH GRADE

Principles of Construction Framing & Finishing

THESE COURSES ARE TAKEN CONCURRENTLY

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 Capstone

INTRODUCTION TO ENGINEERING DESIGN 9 10 11 12

Year/2.0 Credits

I57005

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 Autodesk Inventor 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

Year/2.0 Credits

I57006

Prerequisite: Introduction to Engineering Design (I57005)

Content: Principles of Engineering is a course that focuses on the process of applying engineering, technological, scientific and mathematical principles in the design, production, and operation of products, structures, and systems. This is a hands-on course designed to provide students interested in engineering careers to explore experiences related to specialized fields such as civil, mechanical, and materials engineering. Students will engage in research, development, planning, design, production, and project management to simulate a career in engineering. The topics of ethics and the impacts of engineering decisions are also addressed. Classroom activities are organized to allow students to work in teams and use modern techno-

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logical processes, computers, CAD software, and production systems in developing and presenting solutions to engineering problems.

Activities: Students to work in teams and use modern technological processes, computers, CAD software, and production systems in developing and presenting solutions to engineering problems. Topics include: Energy and Power; Structural Analysis; Material Properties, Testing and Structural Analysis; Study of Motion; Simple Machines; Application of statistics to project solutions; Hydraulics and Pneumatics; Automated control systems; Project management; and Careers.

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

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

CIVIL ENGINEERING AND ARCHITECTURE

11 12

Year/2.0 Credits

I57007

Prerequisite: Introduction to Engineering Design (I57005) and/or Principles of Engineering (I57006)

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.

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

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

COMPUTER INTEGRATED MANUFACTURING

11 12

Year/2.0 Credits

I57231

Prerequisite: Introduction to Engineering Design (I57005) and/or Principles of Engineering (I57006)

Content: Computer Integrated Manufacturing is a course that applies principles of rapid prototyping, robotics, and automation. This course builds upon the computer solid modeling skills developed in Introduction of Engineering Design. Students will use computer controlled rapid prototyping and CNC equipment to solve problems by constructing actual models of their three-dimensional designs. Students will also be introduced to the fundamentals of robotics and how this equipment is used in an automated manufacturing environment. Students will evaluate their design solutions using various techniques of analysis and make appropriate modifications before producing their prototypes.

Activities: CAD Drawings, CNC Mill, Lathe and Router Projects, Robotic Work Cell Programming and Automation, Manufacturing Cell Design and Simulations, and Precision Measurement.

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

Evaluation: Assessments, classwork, and the projects created

ROBOTICS DESIGN AND INNOVATION

9 10 11 12

Year/2.0 Credits

I57065

Content: Robotics Design and Innovation allows students to design, program, and test innovative technological designs related to robotic systems. Topics involve mechanics, pneumatics, control technologies, computer fundamentals, and programmable control technologies. Students design, build, and optimize robots to perform a variety of predesignated tasks. Individuals or small teams may choose to participate in organized ro-

botic competitions or develop their own events during the course. Upon completion of the course, learners will understand what technicians do in the workplace and how industry utilizes Mechatronics in advanced manufacturing.

Activities: Students will build robots that are mobile and could be used in competition.

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

Evaluation: Students are evaluated through assessments, classwork, and the building of a robot.

PRINCIPLES OF ARCHITECTURE, ENGINEERING AND CONSTRUCTION

9 10 11 12

Year/2.0 Credits

I57015

Content: Principles of Architecture, Engineering, and Construction will provide students with a basic understanding of sketching practices and the features and considerations associated with the operation of computer-aided design (CAD) systems. Students will gain valuable hands-on experience creating sketches and using CAD software. Students will complete projects relating to specific technical drawing communication topics and disciplines.

Semester 1: This is a course that specializes in modern design and engineering processes with a focus on creative problem solving in developing, testing, communicating, and presenting post evaluation of products. Students use the design process to analyze research, develop ideas and produce products and solutions. This process gives students a framework through which they will design, manufacture, test, and present their ideas in advanced classes. Students will learn the basic functions of Autodesk Fusion as a design and drafting tool. Students get a basic understanding of pictorial sketching, 3-view drawing (orthographic projection), 3D solids, and dimensioning.

Semester 2: Students apply what they have learned in Semester 1 as a design tool for this course that specializes in using modern technological processes, computers, design, and production systems in the production of products and structures through the use of various production systems. Emphasis is placed on using modern technologies and on developing career related skills for manufacturing, precision machining, and welding. Students use tools, materials, processes, and resources to create solutions as it applies in the areas of manufacturing, precision machining, and welding. Course content will address major technological content related to topics such as: print design, design documentation using CAD systems; assignments involving the interface of CAD, CNC, CAM, and CIM technologies; computer simulation of products and systems; 3-D modeling of products or structures; and automation in the modern workplace.

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

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

ARCHITECTURAL DRAFTING AND DESIGN

10 11 12

Year/2.0 Credits

I57050

Prerequisite: Computers in Production and Design (I57220) or Introduction to Engineering Design (I57005) and Algebra (M04220) and Geometry (M04420)

Content: Architectural Design presents a history and survey of architecture and focuses on the creative design of buildings in a studio environment. This course covers problems of site analysis, facilities programming, space planning, conceptual design, proper use of materials, and selection of structure and construction techniques. Students develop presentation drawings and give oral presentations and critiques. Generation of form and space is addressed through basic architectural theory, related architectural styles, design strategies, and a visual representation of the student's design process. Students will use Autodesk Revit as a design and drafting tool. This course will focus on learning Autodesk Revit software and using it to design and develop a set of working plans for the Building Trades residential home. These plans include a wall section, floor plan, foundations

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plan, elevations views and a 3D model. Local planning and zoning codes and requirements will be discussed and followed. Second semester students will develop a two-story house using advanced design and building concepts. Students will be looking at green structures and how these products and practices work into today's building techniques. Students will develop all necessary plans required to acquire a building permit.

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

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

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

PRINCIPLES OF PRECISION MACHINING

9 10 11 12

Year/2.0 Credits

I57530

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

Year/2.0 Credits

I57520

Prerequisite: Principles of Precision Machining (I57520)

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

PRINCIPLES OF CONSTRUCTION TRADES

9 10 11 12

Year/2.0 Credits

I58010

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

Year/2.0 Credits

I58001

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

World Language

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

JAPANESE 1

9 10 11 12

Year/2.0 Credits

F04100

This course counts towards an Academic Honors Diploma.

Content: Development of proficiency in speaking, listening, writing and reading tt. Emphasis is on communication in culturally appropriate situations. Conversational topics include: greetings, family, hobbies, everyday activities, and the lives of Japanese students. Traditional and modern cultural topics are explored.

Activities: Hiragana and katakana phonetic writing systems introduced, communicative skills learned through drills and dialogues. Supplementary learning aids included: paired and small group activities, films, short skits and a variety of activities.

Out-of-Class Time Required: Minimum of 2 hours per week.

Evaluation: Based on oral and written achievement.

JAPANESE 2

9 10 11 12

Year/2.0 Credits

F04200

This course counts towards an Academic Honors Diploma.

Prerequisite: Japanese 1 (F04100); 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, food, travel and shopping.

Activities: Communicative skills developed through stories, dialogues and interpersonal activities. Films and conversations with classmates.

Out-of-Class Time Required: Minimum of 2 hours per week.

Evaluation: Based on oral and written achievement.

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JAPANESE 3

10 11 12

Year/2.0 Credits **F04300**

This course counts towards an Academic Honors Diploma.

Prerequisite: Japanese 2 (F04200); 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, careers, 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 2-3 hrs. per week.

Evaluation: Based on oral and written achievement.

JAPANESE 4

11 12

Year/2.0 Credits (Weighted Grade) **F04400**

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Japanese 3 (F04300); 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.

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 2-3 hrs. per week.

Evaluation: Based on oral and written achievement

IB JAPANESE 4 - SL

12

Year/2.0 Credits (Weighted Grade) **F044IB**

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

JAPANESE 5

12

Year/2.0 Credits (Weighted Grade) **F04500**

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Japanese 4 (F04400); 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 2 hours per week.

Evaluation: Written tests and quizzes, interpersonal activities and projects.

IB JAPANESE 5 - SL

12

Year/2.0 Credits (Weighted Grade) **F045IB**

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

FRENCH 1

9 10 11 12

Year/2.0 Credits **F09010**

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 2 hours per week.

Evaluation: Based on oral and written achievement.

FRENCH 2

9 10 11 12

Year/2.0 Credits **F09030**

This course counts towards an Academic Honors Diploma.

Prerequisite: French 1 (F09010); 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 2 hours per week.

Evaluation: Based on oral and written proficiency.

FRENCH 3

10 11 12

Year/2.0 Credits **F09050**

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: French 2 (F09030); 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 2-3 hrs. per week.

Evaluation: Based on oral and written proficiency.

FRENCH 4

11 12

Year/2.0 Credits (Weighted Grade) **F09070**

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: French 3 (F09050); 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.

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IB FRENCH 4 - SL

12

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 1-4 for description.

F09080

FRENCH 5

12

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

F09090

Prerequisite: French 1 (F09010), French 2 (F09030), French 3 (F09050) and French 4 (F09070); 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 - SL

12

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 1-4 for description.

F09081

GERMAN 1

9 10 11 12

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

F09110

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 2 hours per week.

Evaluation: Based on oral and written proficiency.

GERMAN 2

9 10 11 12

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

F09130

Prerequisite: German 1 (F09110); 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 are shopping, friends and feelings, fashion and the home, currency, other countries and cultures, sports, travel and food. Dialogues in the textbook begin to introduce more culture in the target language, some history and some geography.

Activities: Written and oral exercises from the text, and supplemental sources, Internet and computer activities, conversations with classmates, and films.

Out-of-Class Time Required: Minimum of 2 hours per week.

Evaluation: Based on oral and written proficiency.

GERMAN 3

10 11 12

Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

F09130

Prerequisite: German 2 (F09130); 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. Continuing emphasis on original expression in the language. Some topics covered are: personal strengths and weaknesses, current technology, the environment, German youth scene, and art.

Activities: German as the language of the classroom with dialogue, skits, original compositions, oral presentations, films, videos, CD's, and a visit to the IB Art Show.

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

Evaluation: Based on written and oral proficiency.

GERMAN 4

11 12

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

F09170

Prerequisite: German 3 (F09150); 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.

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

Evaluation: Based on oral and written proficiency.

IB GERMAN 4 - SL

12

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 1-4 for description.

F09174

GERMAN 5

12

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

F09180

Prerequisite: German 4 (F09170); students with less than a C- in the previous course must have written teacher approval.

Content: Advanced Grammar and idiomatic expression; a variety of texts including literary short stories, plays, biography, poetry, letters, newspapers, magazines, films, philosophy; history; discussion topics specific to daily life, business and travel.

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: Oral and written proficiency.

IB GERMAN 5 - SL

12

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 1-4 for description.

F09175

Chesterton High School Course Description Guide: 2022-2023

SPANISH 1

9 10 11 12

Year/2.0 Credits **F09210**

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 2 hours per week.

Evaluation: Based on oral and written achievement. (50/50)

SPANISH 2

9 10 11 12

Year/2.0 Credits **F09230**

This course counts towards an Academic Honors Diploma.

Prerequisite: Spanish 1 (F09210); 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 2 hours per week.

Evaluation: Based on oral and written achievement. (50/50)

SPANISH 3

10 11 12

Year/2.0 Credits **F09250**

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Spanish 2 (F09230); students with less than a C- in the previous course must have written teacher approval.

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: Two hours per week minimum.

Evaluation: Based on oral and written proficiency. (50/50)

SPANISH 4

11 12

Year/2.0 Credits (Weighted Grade) **F09270**

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Spanish 3 (F09250); 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 2-3 hours per week.

Evaluation: Based on oral and written proficiency. (50/50)

IB SPANISH 4 - SL

12

Year/2.0 Credits (Weighted Grade) **F09275**

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

SPANISH 5

12

Year/2.0 Credits (Weighted Grade) **F09280**

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Spanish 4 (F09270); 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 2-3 hours per week.

Evaluation: Based on oral and written proficiency. (50/50)

IB SPANISH 5 - SL

12

Year/2.0 Credits (Weighted Grade) **F09276**

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

AMERICAN SIGN LANGUAGE 1

10 11 12

Year/2.0 Credits **F06100**

This course counts towards an Academic Honors Diploma.

Prerequisite: 2 years credit in another World Language

Content: American Sign Language 1 introduces American Sign Language (ASL) and the Deaf community. It focuses on frequently used signs through a functional-notional approach and discusses cultural features of the Deaf community. Emphasis is placed on the receptive and expressive skills. Students will also learn to recognize the difference between the pathological and psychological definitions of deafness, dispel common myths associated with deafness and ASL, recognize the widespread use of ASL throughout the United States, and develop an understanding of the intricate relationship between languages and cultures in general.

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

Evaluation: Tests, quizzes, group work, signing performance

AMERICAN SIGN LANGUAGE 2

11 12

Year/2.0 Credits **F06200**

This course counts towards an Academic Honors Diploma.

Prerequisite: American Sign Language 1 (F06100) with a C- or better average; students with less than a C- in the previous course must have written teacher approval.

Content: American Sign Language 2 continues the focus on frequently used signs through a functional-notional approach and the cultural features of the Deaf community. Emphasis is placed on a more advanced level of learning the receptive and expressive communication skills in American Sign Language.

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

Evaluation: Tests, quizzes, group work, signing performance

Mathematics

GRADUATION REQUIREMENTS

All students are required to have six (6) to (8) credits in mathematics for graduation.

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.

Students must have a Quantitative Reasoning class during Senior year.

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 (M04950) during their senior year should enroll in Geometry Honors (M04425) and College Algebra GT (M04600) 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.

Algebra 1 taken in 8th grade counts towards an Academic Honors Diploma.

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

ALGEBRA 1

9 10 11 12

Year/2.0 Credits

M04220

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. Successful completion of fall semester work is a prerequisite for remaining in the class for the spring semester.

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

Year/2.0 Credits (Weighted Grade)

M04201

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. Successful completion of fall semester is a prerequisite for remaining in the class for the spring semester. Students cannot waiver into this class.

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

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

Out-of-Class Time Required: A minimum of 3-4 hours per week.

Evaluation: Performance on tests, assignments, and quizzes.

ALGEBRA 1 INTENSIVE

9

Year/2.0 Credits toward Math requirement

M04222

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 ISTEP & 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 (M04220). 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 two to three hours per week.

Evaluation: Performance on tests, assignments, and quizzes.

GEOMETRY

10 11 12

Year/2.0 Credits

M04420

This course counts towards an Academic Honors Diploma.

Prerequisite: Algebra 1 (M04220) or Algebra 1 Honors (M04200) or with teacher recommendation. Students may waiver into this class provided the prerequisite has been met. Successful completion of fall semester is a prerequisite for remaining in class for spring semester.

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

Activities: Lectures and classroom discussions of assigned material.

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

Cost: Compass and a straight-edge. A notebook is recommended.

Evaluation: Performance on tests, quizzes, and assignments.

GEOMETRY HONORS

9 10

Year/2.0 Credits (Weighted Grade)

M04425

This course counts towards an Academic Honors Diploma.

Prerequisite: Algebra 1 (M04220) or Algebra 1 Honors (M04200) with teacher recommendation. Successful completion of fall semester is a prerequisite for remaining in the class for spring semester. Students cannot waiver into this class.

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

Activities: Lectures and classroom discussions of assigned material.

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

Cost: Compass and a straight-edge. A notebook is recommended.

Evaluation: Performance on tests, quizzes, and assignments.

GEOMETRY GT

9

Year/2.0 Credits (Weighted Grade)

M04400

This course counts towards an Academic Honors Diploma.

Prerequisite: Algebra 1 GT (M04200) or Algebra 1 Honors (M04201) with teacher recommendation. Final placement in the course is to be determined by the high school based on available information. Students cannot waiver into this class.

Chesterton High School Course Description Guide: 2022-2023

Content: Euclidean geometry, parallelism, congruence, similarity, deductive proof, area, volume, construction, and coordinate geometry. Participation in math contests is expected.

Activities: Teacher-guided independent study, classroom discussion, and lectures.

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

Cost: Compass and straight-edge.

Evaluation: Performance on tests, quizzes, and assignments.

COLLEGE ALGEBRA [Algebra 2/Trig]

9 10 11

Year/2.0 Credits (Weighted Grade)

M04620

**This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.**

Prerequisite: Geometry (M04420), Geometry Honors (M04425) or Geometry GT (M04400) 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: A minimum of five hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

COLLEGE ALGEBRA HONORS [Algebra 2/Trig GT]

9 10 11

Year/2.0 Credits (Weighted Grade)

M04600

**This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.**

Prerequisite: Geometry Honors (M04425) or Geometry GT (M04400) with teacher recommendation. Algebra 1 Honors only when taken concurrently with Geometry GT with teacher recommendation and prior approval from department head. Students should have a minimum grade of B- in Geometry GT. Students cannot waiver into this class.

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. Participation in math contests is expected. A student owned graphing calculator is optional, but a scientific calculator is necessary.

Activities: Lectures and classroom discussions of assigned materials.

Out-of-Class Time Required: A minimum of five hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

ALGEBRA 2

11 12

Year/2.0 Credits

M04700

This course counts towards an Academic Honors Diploma.

Prerequisite: Geometry (M04420)

Content: For students who wish to pursue a normal college prep curriculum in topics not including Math. Topics selected from same material as Algebra 2/Trig, but without the Trigonometry. (This course does not fulfill the prerequisites for Pre-Calculus). 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: A minimum of five hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

ANALYTICAL ALGEBRA 2

11 12

Year/2.0 Credits

M04660

Prerequisite: Algebra 1 (M04220), Algebra 1 Honors (M04201), or Geometry (M04420) 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: A minimum of four hours per week.

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

PROBABILITY AND STATISTICS

11 12

Semester/1.0 Credit (Weighted Grade)

M04800

This course counts towards an Academic Honors Diploma.

Prerequisite: Alg 2/Trig (M04620) or Alg 2/Trig GT (M04600), Alg 2 (w/o Trig) (M04700) with teacher recommendation.

Content: Designed for seniors who may not plan to take calculus in college; but does not exclude those who do plan to take calculus. Emphasizes probability and statistics through the concrete rather than the abstract. Some class projects are used to reinforce the topics covered in the text.

Activities: Lectures and classroom discussion of assigned materials. Out-of-class projects.

Out-of-Class Time Required: A minimum of four hours per week.

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

STATISTICS [Advanced Placement]

11 12

Year/2.0 Credits (Weighted Grade)

M04890

This course counts towards an Academic Honors Diploma.

Prerequisite: Alg 2/Trig GT (M04600) or Algebra 2/Trig (M0501B) or Trigonometry (M04850) 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: A minimum of five hours per week.

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

Chesterton High School Course Description Guide: 2022-2023

FINITE MATHEMATICS

11 12

Semester/1.0 Credit (Weighted Grade)

M04865

This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

Prerequisite: Algebra 2/Trig (M04620), Algebra 2/Trig GT (M04600), or Algebra 2 (M04700) 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: A minimum of four hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

FINITE MATHEMATICS HONORS

11 12

Semester/1.0 Credit (Weighted Grade)

M04860

This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

Prerequisite: Algebra 2/Trig (M04620) or Algebra 2/Trig GT (M04600) 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, some topics relating to algebraic functions will be covered.

Activities: Lectures and classroom discussion of assigned material.

Out-of-Class Time Required: A minimum of five hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

PRE-CALCULUS/TRIG

11 12

Semester/1.0 Credit (Weighted Grade)

M04935

This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

Prerequisite: Algebra 2/Trig GT (M04600), Algebra 2/Trig (M04620) or Algebra 2 (M04700) 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: A minimum of four hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

PRE-CALCULUS/TRIG HONORS

11 12

Semester/1.0 Credit (Weighted Grade)

M04930

This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

Prerequisite: Algebra 2/Trig GT (M04600) or Algebra 2/Trig (M04620) 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. Enrichment topics will be explored. 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: A minimum of five hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

QUANTITATIVE REASONING

12

Year/2.0 Credits

M04810

This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

Prerequisite: Algebra 2 (M04700), Analytical Algebra 2 (M04660), Finite (M04865), Pre-Calculus/Trig (M04935), or Probability & Statistics (M04800) 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: A minimum of four hours per week.

Evaluation: Performance on tests, quizzes, and assignments.

CALCULUS AB [Advanced Placement]

11 12

Year/2.0 Credits (Weighted Grade)

M04950

This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

Prerequisite: Pre-Calculus Honors (M04900) with a minimum grade of B or Algebra 2 w/ Trig GT with teacher recommendation. Completed AP contract

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. Participation in various math contests is also expected.

Activities: Lectures and classroom discussion of assigned materials.

Out-of-Class Time Required: A minimum of 5 hours per week.

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

CALCULUS BC [Advanced Placement]

12

Year/2.0 Credits (Weighted Grade)

M04960

This course counts towards an Academic Honors Diploma.

Prerequisite: Calculus AB (M04950) with a minimum grade of C and teacher recommendation. Students may not waiver into this class. Completed AP contract

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: A minimum of 5 hours per week.

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

IB MATHEMATICS: APPLICATIONS & INTERPRETATIONS - SL

12

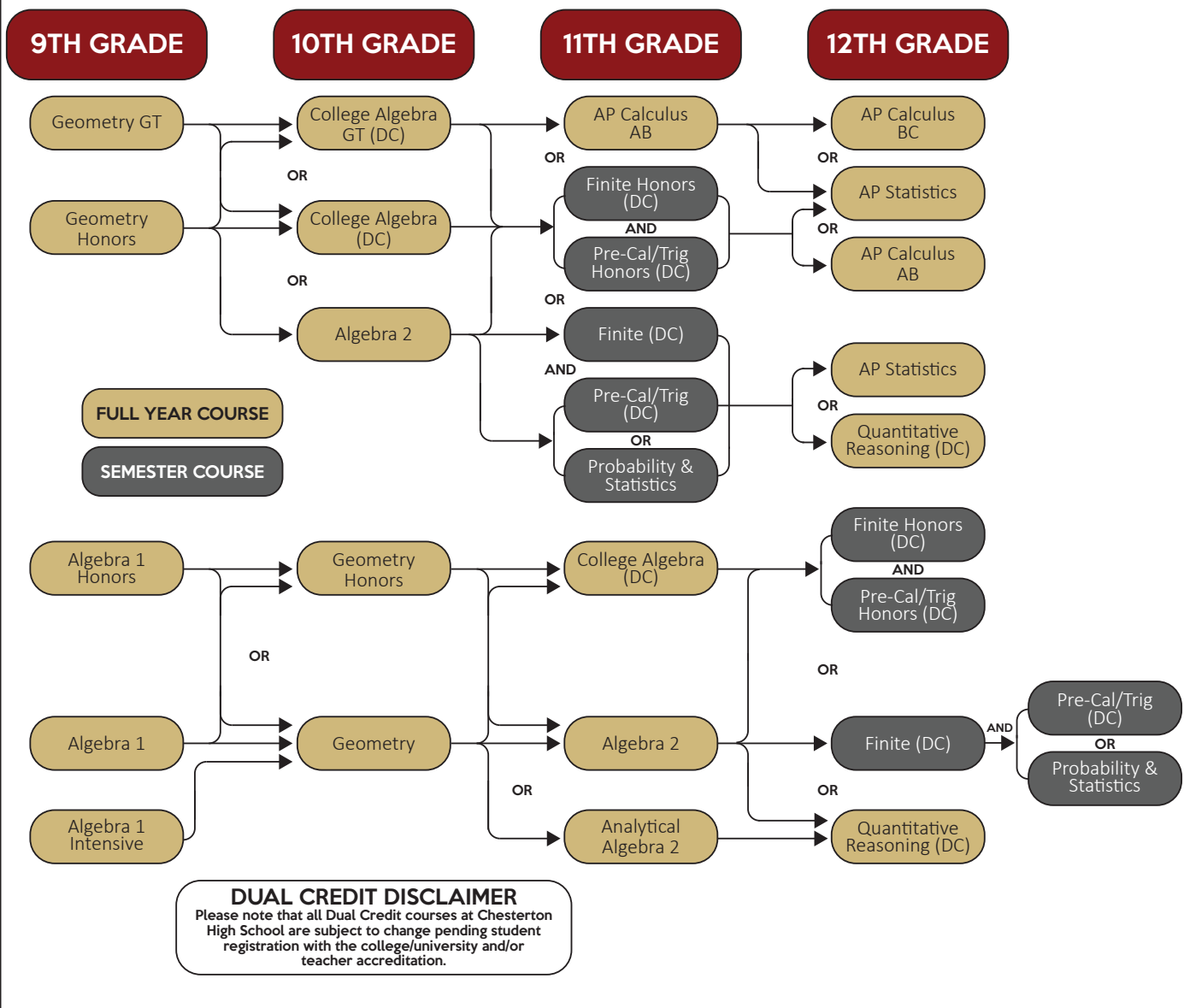
Year/2.0 Credits (Weighted Grade)

M051IB

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

Mathematics Course Progression Chart



Chesterton High School Course Description Guide: 2022-2023

Music

INTERMEDIATE CHORUS - BEL CANTO [Women's]

9 10 11 12

Year/2.0 Credits

N78510

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 female 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.**

BEGINNING CHORUS - CONCERT CHOIR [Mixed]

9 10 11 12

Year/2.0 Credits

N78515

This course counts towards an Academic Honors Diploma.

Prerequisite: Membership by audition only. Students in grades 9-12 are invited to audition for participation in this ensemble.

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 - CAMERATA [Mixed]

10 11 12

Year/2.0 Credits

N78530

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 this class.**

ADVANCED CHORUS 1 [Drifters]

9 10 11 12

Year/2.0 Credits

N78570

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: 2 days per week (2 hrs. each) five concerts, after school rehearsals prior to performances, 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 2 [Mixed - Sandpipers]

9 10 11 12

Year/2.0 Credits

N78550

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: 2 days per week (2 hrs. each) five concerts, after school rehearsals prior to performances, 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.**

MARCHING UNIT [Color Guard]

9 10 11 12

Semester 1/1.0 Credit

N78610

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.**

Chesterton High School Course Description Guide: 2022-2023

COMPETITIVE UNIT [Winter Guard]

9 10 11 12

Semester 2/1.0 Credit

N78620

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 1 [Concert Band]

9 10 11 12

Semester/1.0 Credit

N78630

This course counts towards an Academic Honors Diploma.

Prerequisite: Enrollment in a Semester 2 Band class. 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 a fall concert, holiday concert, and Solo and Ensemble music for the spring semester.

Out-of-Class Time Required: At least two concerts and rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for fall and holiday concerts.

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

INTERMEDIATE CONCERT BAND 2 [Symphonic Band]

9 10 11 12

Semester/1.0 Credit

N78640

This course counts towards an Academic Honors Diploma.

Prerequisite: Enrollment in a Semester 1 band class. 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 for ISSMA Organizational Contest as well as one 2-hour after school rehearsal per week from March through April.

Out-of-Class Time Required: At least two concerts, rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for the ISSMA organizational contest one 2-hour rehearsal each week from Mid-February through April, as well as two 2-hour rehearsals each in preparation for the Fall concert, Holiday concert, and Commencement concert, along with individual practice time.

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

ADVANCED CONCERT BAND 1

9 10 11 12

Semester/1.0 Credit

N78645

This course counts towards an Academic Honors Diploma.

Prerequisite: By audition only; demonstration of advanced skills on a wind instrument. Enrollment in a Semester 2 band class. Band is a year-long course; enrollment in two semesters of band is mandatory.

Content: Participation in a marching band hornline ensemble for competitions during the fall. Participation in Trojan Guard requires attendance and financial commitments during the summer months (June, July, and August).

Activities: Playing in small and large ensembles and performing in public concerts.

Out-of-Class Time Required: 4th of July Parades, Football Game halftime performances, Homecoming parade, Saturday competitions during September and October, and weekly evening rehearsals.

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

ADVANCED CONCERT BAND 2 [Wind Ensemble]

9 10 11 12

Semester/1.0 Credit

N78635

This course counts towards an Academic Honors Diploma.

Prerequisite: By audition only; demonstration of advanced skills on a wind instrument. Enrollment in a Semester 1 band class. Band is a year-long course; enrollment in two semesters of band is mandatory.

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.

Out-of-Class Time Required: At least two concerts, rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside of the scheduled school day in preparation for the ISSMA organizational contest one 2-hour rehearsal each week from mid-February through April, as well as two 2-hour rehearsals each in preparation for the Fall concert, Holiday concert, and Commencement concert, along with individual practice time.

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

Year/2.0 Credits

N78670

This course counts towards an Academic Honors Diploma.

Prerequisite: Enrollment in one of the concert ensembles (band, orchestra) is mandatory. Pianists and guitarists are the exception to this policy. All students by Audition Only.

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.**

Chesterton High School Course Description Guide: 2022-2023

INTERMEDIATE INSTRUMENTAL ENSEMBLE [Concert & Symphonic Band Percussion]

9 10 11 12

N78680

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 a fall concert, holiday concert, and Solo and Ensemble music for the spring semester.

Out-of-Class Time Required: At least two concerts, rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for fall concerts and holiday concerts and for the ISSMA organizational contest one 2-hour rehearsal each week from mid-February through April, along with individual practice time.

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

ADVANCED INSTRUMENTAL ENSEMBLE

9 10 11 12

N78685

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: Participation in a marching band percussion ensemble (drumline or pit percussion) for competitions during the fall. Participation in Trojan Guard requires attendance and financial commitments during the summer months (June, July, and August). 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 small and large ensembles and performing in public concerts.

Out-of-Class Time Required: 4th of July Parades, Football Game halftime performances, Homecoming Parade, Saturday competitions during September and October, weekly evening rehearsals. Three concerts, rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for the ISSMA organizational contest one 2-hour rehearsal each week from mid-February through April, Commencement concert, along with individual practice time.

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

ADVANCED ORCHESTRA [Symphony Strings]

9 10 11 12

N78715

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.**

INTERMEDIATE ORCHESTRA [Concert Orchestra]

9 10 11 12

N78710

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

N78810

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.

GUITAR

11 12

N78840

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

GRADUATION REQUIREMENTS

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 PE1 AND One (1) Semester of PE-S

Choice 2: Two (2) Semesters of PE3

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

BASIC PHYSICAL EDUCATION 1 [Recreational/Physical Education]

9 10 11 12

Semester/1.0 Credit

P08110

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 1/2 of the state requirement for Basic 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.

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, 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.

BASIC PHYSICAL EDUCATION S [Recreational/Physical Education & Swimming]

9 10 11 12

Semester/1.0 Credit

P08210

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 Basic Physical Education. In order to meet the one year minimum PE requirement, students will complete both PE1 and PES.

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.

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

Evaluation: Participation in daily swim and successful completion of the Swim Skills Test. Evaluations will also include, but are not 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.

BASIC PHYSICAL EDUCATION 3 [Performance Physical Education]

9 10 11 12

Semester/1.0 Credit

P08111, P08211

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 athlete's 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, and 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 PE3 will meet the one year minimum PE requirement for graduation.

Activities: Dynamic warm-ups; Drills designed to improve lateral and linear speed, agility, balance, power, and jumping ability; Movement patterns designed to improve functional skills; plyometrics; Multi-joint exercises; Resistance band work; 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. Like PE-S students, and they will 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 are not 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.

ELECTIVE PHYSICAL EDUCATION (INTERMEDIATE SWIMMING)

10 11 12

Semester/1.0 Credit

P80600

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. Instruction in swimming fundamentals designed for the student who wants to increase their swimming ability.

*Freshmen may enroll in Intermediate Swimming only if they have completed the two semester requirement for Physical Education.

ELECTIVE PHYSICAL EDUCATION (ADVANCED SWIMMING)

10 11 12

Semester/1.0 Credit

P80620

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. All nine styles of swimming

Chesterton High School Course Description Guide: 2022-2023

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.

**Freshmen may enroll in Advanced Swimming only if they have completed the two semester requirement for Physical Education.*

ELECTIVE PHYSICAL EDUCATION (RED CROSS LIFEGUARDING)

10 11 12

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 (P80600) or Advanced Swimming (P80620). This course can lead to Red Cross certification for lifeguarding. (Approx. cost is \$30.)

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

P80650

ELECTIVE PHYSICAL EDUCATION (DIVING)

10 11 12

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.

P80660

ELECTIVE PHYSICAL EDUCATION (ADVANCED WEIGHT LIFTING)

10 11 12

Semester/1.0 Credit

This course may be repeated for credit.

Prerequisite: Basic Physical Education 1 (P08110), Basic Physical Education S (P08210), or Basic Physical Education 3 (P08111/P08211).

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.

**Freshmen may enroll in Advanced Weight Lifting classes only if they have completed the two semester requirement for Physical Education.*

P80710, P80720

ELECTIVE PHYSICAL EDUCATION (ADVANCED WEIGHT LIFTING - PERFORMANCE)

10 11 12

Semester/1.0 Credit

This course may be repeated for credit.

Prerequisite: Basic Physical Education 1 (P08110), Basic Physical Education S (P08210), or Basic Physical Education 3 (P08111/P08211).

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.

**Freshmen may enroll in Advanced Weight Lifting classes only if they have completed the two semester requirement for Physical Education.*

P80770, P80780

Health

HEALTH AND WELLNESS EDUCATION

10 11 12

Semester/1.0 Credit

P08950

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 2 hours per week.

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

ADVANCED HEALTH EDUCATION

11 12

2nd Semester/1.0 Credit

P80960

Prerequisite: "C" or higher in Health (P08950) or equivalent

Content: Study of human body systems including musculoskeletal, nervous and endocrine, cardiorespiratory, digestive and urinary as well as infectious disease. Students will learn about the basic anatomy and function of each system as well as common diseases, illnesses and/or injuries to each system. Current treatments will also be discussed. Students interested in an allied health profession should take this course.

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

INTRODUCTION TO ATHLETIC TRAINING

11 12

Semester/1.0 Credit

P80900

Prerequisite: "C" or higher in Health (P08950) or equivalent

Content: Musculoskeletal system anatomy and physiology as well as common injuries to the foot, ankle, lower leg, knee, thigh, spine, and head. Basic sports medicine and legal aspects will also be presented. Taping techniques for the foot, ankle knee and wrist will be taught. Students will also be required to observe one game and spend one hour after school observing in the training room before the last day of class. Students interested in an allied health profession such as athletic training and/or physical therapy should take this course. This is not an exercise or workout class.

Activities: Lectures, class discussion, note taking and outlining, daily taping techniques, videos and discussion, field trip

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

Evaluation: Homework, tests, quizzes, taping tests, observations, midterm and final exam

CURRENT HEALTH ISSUES: SUBSTANCE ABUSE

11 12

Semester/1.0 Credit

P80990

Prerequisite: Required Health (P08950) or equivalent

Content: This class will provide students with information, based on scientific FACTS, about drug use and abuse. Students will be asked to keep an open mind by listening, thinking, and making decisions which may affect one's health, finances, productivity, and overall quality of life. This class is about prevention. Specifically, the class material will address substance abuse vocabulary, and discussion regarding nicotine and smoking, narcotics, stimulants, depressants, cannabis, hallucinogens, inhalants, and steroid usage, etc. Class participation is essential for students to receive their best possible grade.

Activities: Lectures, discussions, guest speakers, videos and field trip

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

Evaluation: Written tests, projects, speeches, class participation

Science

BIOLOGY 1

9

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 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: 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

C03020

BIOLOGY 1 HONORS

9

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

Prerequisite: Placement determined by science ability test.

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: 2-3 hours per week

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

C03025

PLTW: PRINCIPLES OF BIOMEDICAL SCIENCES

9 10 11 12

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisite: Biology 1 (C03020) 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

C03055

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: 2-3 hours per week

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

PLTW: HUMAN BODY SYSTEMS

10 11 12

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisite: PLTW Principles of Biomedical Science (C03055)

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: 2-3 hours per week

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

C03155

BIOLOGY 2 [Advanced Placement]

11 12

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Recommendation of teacher, Biology 1 (C03020), Chemistry 1 (C03210); Completed AP contract

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.

C03050

IB BIOLOGY - SL

11 12

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

C0291B

IB BIOLOGY - HL

11 12

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

C030IB, C031IB

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ANATOMY AND PHYSIOLOGY

11 12

Year/2.0 Credits (Weighted Grade) C03080

This course counts towards an Academic Honors Diploma.

Prerequisite: Must take two (2) of the following: Biology 2 AP (C03050), Zoology (C03090); Chemistry 1 (C03210); Physics 1 (C03310); Environmental Science AP (C03611)

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 half hours.

Evaluation: Homework completion, tests, quizzes, lab reports, lab practicals, and experimental designs.

EARTH AND SPACE SCIENCE 1

10 11 12

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Biology 1 (C03020)

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 2 hours per week.

Evaluation: Performance on classroom and laboratory investigations and on objective tests.

CHEMISTRY 1

9 10 11 12

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisite: Biology 1 (C03020) and Algebra 1 (M04220)

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 1 HONORS

9 10 11 12

Year/2.0 Credits

C03200

Prerequisite: Biology 1 (C03020) and Algebra 1 (M04220) 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

Year/2.0 Credits (Weighted Grade)

C03230

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Chemistry 1 (C03210)

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.

CHEMISTRY [Advanced Placement]

11 12

Year/2.0 Credits (Weighted Grade)

C03235

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Chemistry 1 (C03210) and teacher's recommendation; Completed AP contract

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 1

10 11 12

Year/2.0 Credits

C03310

This course counts towards an Academic Honors Diploma.

Prerequisites: Biology 1 (C03020), Algebra 1 (M04220), and Geometry (M04420)

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 3 hours week.

Evaluation: Exams, quizzes, lab reports, problem sets and participation.

PHYSICS 1 [Advanced Placement]

10 11 12

Year/2.0 Credits (Weighted Grade)

C03335

This course counts towards an Academic Honors Diploma.

Prerequisites: Completed AP contract; Biology 1 (C03020); Algebra 1 (M04220); Geometry (M04420); Concurrent with/or Chemistry 1 (C03210) 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.

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PHYSICS 2 [Advanced Placement]

11 12

Year/2.0 Credits (Weighted Grade)

C03330

This course counts towards an Academic Honors Diploma.

Prerequisites: Completed AP contract; AP Physics 1 (C03310) 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.

PHYSICS C: MECHANICS [Advanced Placement]

12

Year/2.0 Credits (Weighted Grade)

C03340

This course counts towards an Academic Honors Diploma.

Prerequisites: Completed AP contract; AP Physics 1 (C03310), AP Physics 2 (C03330), Calculus AB (M04950), (seniors can enroll with AP Physics 2 and/or Calculus AB taken concurrently) and teacher recommendation

Content: The AP Physics C: Mechanics 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: Mechanics 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

Year/2.0 Credits

C03510

This course counts towards an Academic Honors Diploma.

Prerequisite: Biology 1 (C03020) 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

Year/2.0 Credits

C03610

This course counts towards an Academic Honors Diploma.

Prerequisite: Biology 1 (C03020)

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.

ENVIRONMENTAL SCIENCE [Advanced Placement]

11 12

Year/2.0 Credits

C03611

This course counts towards an Academic Honors Diploma.

Prerequisite: Biology 1, Chemistry 1; Completed AP contract

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 3 hours per week.

Evaluation: Written assignments, tests, binder checks (notes), and labs.

IB ENVIRONMENTAL SYSTEMS AND SOCIETIES (ESS) - SL

11 12

Year/2.0 Credits (Weighted Grade)

C0331B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

Social Studies

GRADUATION REQUIREMENTS

All students are required to complete a total of 6 Social Studies credits in order to graduate from Chesterton High School:

Freshman Year: 2.0 credits-Geography History of the World (Ancient), Geography History of the World (Modern), World History and Civilization Honors, or Human Geography

Junior Year: 2.0 credits-United States History

Senior Year: 1.0 credit-United States Government and 1.0 credit-Economics or Microeconomics

9th GRADE SOCIAL STUDIES

As a result of middle school recommendation, students will be placed into one of four (4) programs, all of which emphasize the essential social studies skills of gathering, interpreting, analyzing, summarizing, synthesizing, and evaluating information.

11th GRADE SOCIAL STUDIES

Based on a combination of teacher recommendation and past achievement in the social studies, 11th grade students will be placed into one of three (3) US History programs, all of which emphasize the essential social studies skills of gathering, interpreting, analyzing, summarizing, synthesizing, and evaluating information.

12th GRADE SOCIAL STUDIES

Based on a combination of teacher recommendation and past achievement in the social studies, 12th grade students will be placed into one of three (3) Government and Economics programs, all of which emphasize the essential social studies skills of gathering, interpreting, analyzing, summarizing, synthesizing, and evaluating information.

GEOGRAPHY AND HISTORY OF THE WORLD - ANCIENT

9

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

A course for underclassmen to fulfill the Social Studies requirement for World History and Geography.

Content: The Ancient World History and Geography courses 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 1-2 hour per week.

Evaluation: Quizzes, tests, projects, and classwork/homework.

GEOGRAPHY AND HISTORY OF THE WORLD - MODERN

9

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

A course for underclassmen to fulfill the Social Studies requirement for World History and Geography.

Content: The Modern World History and Geography 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 Modern period of world history from the discovery of the New World through the present day (1492 AD to the Present). Specific topics of engagement: European voyages of exploration; Early modern development of Islamic Empires; Revolutions; Interactions between civilizations like Europe and Asia, Europe and Africa; Rise of Nationalism; Impact of the World Wars; 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 1-2 hour per week.

Evaluation: Quizzes, tests, projects, and classwork/homework.

HUMAN GEOGRAPHY [Advanced Placement]

9 10 11 12

Year/2.0 Credits (Weighted Grade)

U01910

This course counts towards an Academic Honors Diploma.

A course for students who have been identified as being able to handle advanced work. Must complete the AP contract.

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 on preparing students for the AP Test at the end of the course.

Out-of-Class Time Required: Approximately 2-3 hours per week

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Evaluation: Quizzes, tests, homework, and essays designed to prepare students for the AP Test.

EUROPEAN HISTORY [Advanced Placement] 10 11 12

Year/2.0 Credits (Weighted Grade) U01950

This course counts towards an Academic Honors Diploma.

This course is designed for students identified as able to do advanced work. Must complete AP contract. Teacher recommendation required to register for class.

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 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.

WORLD HISTORY AND CIVILIZATION HONORS 9 10 11 12

Year/2.0 Credits (Weighted Grade) U01920

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 being able to handle advanced work. The class requires strong written and analytic skills. It is a challenging class clearly designed for the stronger student of history.

Content: This course traces the history of the world from the dawn of civilization to modern times. Emphasis will be placed upon analyzing the major historical and cultural developments of the past which influenced people and places in subsequent eras of world history.

Activities: Lectures, discussions, readings, maps, videos, written assignments, and individual projects.

Out-of-Class Time Required: Minimum of four (4) hours per week.

Evaluation: Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation when appropriate.

U.S. HISTORY 11

Year/2.0 Credits U02120

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 working at or near their grade level.

Content: American History from beginnings to present-day, with special emphasis placed on the events of the past 100 years. The first quarter serves as a review of historical topics through the Civil War and Reconstruction. The second quarter covers the late 19th century and World War I. The third quarter covers the 1920s through the 1950s. The last quarter covers the 1960s through to modern times.

Activities: Lectures, discussions, readings, maps, videos, written assignments, and individual and group projects.

Out-of-Class Time Required: From 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.

U.S. HISTORY HONORS

11

Year/2.0 Credits (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. This college-level course also provides an in-depth analysis of the events, issues, and themes of American History.

Content: American History from beginnings to present-day, with special emphasis placed on the events of the past 100 years. The first quarter serves as a review of historical topics through the Civil War and Reconstruction. The second quarter covers the late 19th century and World War I. The third quarter covers the 1920s through the 1950s. The last quarter covers the 1960s through to modern times.

Activities: Lectures, discussions, readings, maps, videos, written assignments, and individual and group projects.

Out-of-Class Time Required: From 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.

U.S. HISTORY [Advanced Placement] 11

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Must complete AP contract.

A course for students who have been identified as able to do advanced work. This rigorous college-level course provides an in-depth analysis of the events, conflicts, issues and themes of American History. This course gives special emphasis on preparing students to take the AP Test at the end of the course. Students who successfully complete the Advanced Placement U.S. History test may be eligible for college credit.

Content: American History from beginnings to present-day, with special emphasis placed on the events of the past 100 years. The first quarter serves as a review of historical topics through the Civil War and Reconstruction. The second quarter covers the late 19th century and World War I. The third quarter covers the 1920s through the 1950s. The last quarter covers the 1960s through to modern times.

Activities: Lectures, discussions, readings, maps, videos, written assignments, and individual and group projects.

Out-of-Class Time Required: From 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.

U.S. GOVERNMENT

12

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.

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U.S. GOVERNMENT HONORS

12

Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

U02310

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

Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.

U02420

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.

MACROECONOMICS [Advanced Placement]

12

Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

U02418

This course is designed for students identified as able to do advanced work. Must complete the AP contract.

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 2-3 hours per week.

Evaluation: Quizzes, tests, and homework designed to prepare students for the AP test.

MICROECONOMICS [Advanced Placement]

12

Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.

U02419

This course is designed for students identified as able to do advanced work. Must complete the AP contract.

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 2-3 hours per week.

Evaluation: Quizzes, tests, and homework designed to prepare students for the AP test.

ADDITIONAL SOCIAL STUDIES COURSES

ETHNIC STUDIES

10 11 12

Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.

U02010

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.

INDIANA STUDIES

10 11 12

Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.

U02020

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

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SOCIOLOGY

11 12

Semester/1.0 Credit

U02410

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.

PSYCHOLOGY

11 12

Semester/1.0 Credit

U02490

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.

PSYCHOLOGY [Advanced Placement]

10 11 12

Semester/1.0 Credit

U02485

This course counts towards an Academic Honors Diploma.

This course is designed for students identified as able to do advanced work. Must complete the AP contract.

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 OF THE AMERICAS - HL

11

Year/2.0 Credits (Weighted Grade)

U0211B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

IB HISTORY OF THE AMERICAS - HL

12

Year/2.0 Credits (Weighted Grade)

U0221B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

IB PSYCHOLOGY - SL

11 12

Year/2.0 Credits (Weighted Grade)

U0251B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

IB PHILOSOPHY - SL

11 12

Year/2.0 Credits (Weighted Grade)

U0261B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

IB WORLD RELIGIONS - SL

11

Year/2.0 Credits (Weighted Grade)

U0271B

This course counts towards an Academic Honors Diploma.

See pages 1-4 for description.

Social Studies Course Progression Chart

9TH GRADE

Geography
History of the
World (Ancient)

Geography
History of the
World (Modern)

World History
Honors (DC)

AP Human
Geography

10TH GRADE

AP European
History

AP Psychology

AP Human
Geography

FULL YEAR COURSE

SEMESTER COURSE

All AP, IB, and Dual Credit courses
are weighted

DUAL CREDIT DISCLAIMER

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.

11TH GRADE

U.S. History

AP U.S.
History (DC)

U.S. History (DC)

AP Psychology

U. S. History
Honors (DC)

AP European
History

Indiana Studies

AP Human
Geography

Ethnic Studies

IB History 1

Psychology

IB Philosophy SL

Sociology

IB World
Religions SL

12TH GRADE

Government

IB History 2 HL

Government
Honors (DC)

IB World
Religions SL

Economics

IB Philosophy SL

AP
Microeconomics

AP European
History

AP
Macroeconomics

AP Psychology

Ethnic Studies

AP Human
Geography

Indiana Studies

Psychology

Sociology

Special Education

CERTIFICATE OF COMPLETION

The following classes do not meet State Standards or prepare students for the Graduation Qualifying Exam. They will not fulfill G.Q.E. Waiver requirements. Students enrolled in these classes may qualify for a Certificate of Completion.

APPLIED ENGLISH 9

9

Year/2.0 Credits

E0501X

Content: A general overview of English grammar. Specific emphasis on basic language arts skills and vocabulary.

Activities: Text exercises, reading, writing, and listening activities, oral reports.

Out-of-Class Time Required: Minimal

Evaluation: Performance on tests, daily written assignment, special projects and individual effort.

APPLIED ENGLISH 10

10

Year/2.0 Credits

E0503X

Prerequisite: Applied English 9 (E0501X)

Content: High interest material based on life problem themes. The course is designed to improve reading comprehension skills as well as provide a practical guide to the most essential reading necessary for living. The course also contains a review of basic language skills and vocabulary.

Activities: Reading comprehension exercises, individual projects, small group discussions and oral presentations.

Out-of-Class Time Required: Minimal.

Evaluation: Based on written assignments, individual effort and participation.

APPLIED ENGLISH 11

11

Year/2.0 Credits

E0505X

Prerequisite: Applied English 10 (E0503X)

Content: Review of grammar, writing skills and literature.

Activities: Textbook activities, additional activities at teacher discretion, classroom readings.

Out-of-Class Time Required: Minimal.

Evaluation: Based on written assignments, individual effort and participation.

APPLIED ENGLISH 12

12

Year/2.0 Credits

E0507X

Prerequisite: Applied English 11 (E0505X)

Content: Focus on sharpening basic English skills including reading, writing, listening and speaking skills.

Activities: Several discussion activities, written assignments.

Out-of-Class Time Required: Minimal.

Evaluation: Based on written assignments, individual effort and participation.

APPLIED DEVELOPMENTAL READING

9 10 11 12

Year/2.0 Credits

S0501X

Content: To improve reading skills in areas of vocabulary, word attack, and comprehension. Can be taken for repeated credit pending need/teacher permission.

Activities: Skill sheets, reading assignments and individual and group work.

Out-of-Class Time Required: Minimal.

Evaluation: Individual progress and effort.

APPLIED ALGEBRA 1

9

Year/2.0 Credits

M0509X

Content: Basic arithmetic skills with emphasis on whole numbers, understanding fractions, measurement and everyday mathematic problems.

Activities: Class discussion, written assignments, and individual work covering the assigned.

Out-of-Class Time Required: Minimal.

Evaluation: Based on test performance, daily written assignments and individual effort.

APPLIED ALGEBRA 2

10

Year/2.0 Credits

M0511X

Prerequisite: Applied Algebra 1 Lab (M0509X)

Content: Continuation of basic mathematic skills, with units designed to help students become a better consumer including personal credit loans, budgets, banking, wise buying, and tax information.

Activities: Class discussions, written assignments, individual work covering assigned material.

Out-of-Class Time Required: Minimal.

Evaluation: Based on test performance, daily written assignments and individual effort.

APPLIED GEOMETRY

11

Year/2.0 Credits

M0512X

Prerequisite: Applied Algebra 2 Lab (M0511X)

Content: Application of mathematical principles to real life situations.

Activities: Class discussions, written assignments, individual work covering assigned material.

Out-of-Class Time Required: Minimal.

Evaluation: Based on test performance, daily written assignments and individual effort.

APPLIED MATHEMATICS

12

Year/2.0 Credits

M0513X

Prerequisite: Applied Geometry Lab (M0512X)

Content: Application of mathematical principles to real life situations.

Activities: Class discussions, written assignments, individual work covering assigned material.

Out-of-Class Time Required: Minimal

Evaluation: Based on test performance, daily written assignments and individual effort.

APPLIED BIOLOGY 1

9

Year/2.0 Credits

C0518X

Content: Overview of general life science with units including ecology, plants, animals.

Activities: Practical classroom experiments and application of knowledge learned in addition to individual assignments, lectures and group discussions.

Out-of-Class Time Required: Minimal.

Evaluation: Focus on individual achievement on experiments and test.

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APPLIED EARTH AND SPACE SCIENCE

10

Year/2.0 Credits

C0519X

Prerequisite: Applied Biology 1 (C0518X)

Content: Overview of general earth science with units including solar system, weather, and natural resources.

Activities: Practical classroom experiments and application of knowledge learned in addition to individual assignments, lectures and group discussions.

Out-of-Class Time Required: Minimal.

Evaluation: Focus on individual achievement on experiments and tests, as well as individual effort.

APPLIED GEOGRAPHY AND HISTORY OF THE WORLD

9

Year/2.0 Credits

U0513X

Content: Map and globe skills, location of places, distinguished landforms and oceans, usage of latitude and longitude, using an atlas, interpretation of maps keys, study of the seven continents, four oceans, and time-related skills.

Activities: Reading assignment, group discussion, map reading, map skills, student projects and a variety of writing activities.

Out-of-Class Time Required: Minimal

Evaluation: Written assignments, tests, student projects, and student conferences.

APPLIED TOPICS IN HISTORY

11

Year/2.0 Credits

U0515X

Content: Major topics of America's past bringing the student from the age of discovery to the present.

Activities: Discussions groups, lectures, films, and filmstrips.

Out-of-Class Time Required: Minimal.

Evaluation: Daily class participation and objective tests, supplemented by individual evaluation where necessary.

APPLIED STATE AND LOCAL GOVERNMENT

12

Year/2.0 Credits

U0516X

Content: The fundamental laws and rights of American government and an understanding of backgrounds of our democracy. Partial contents cover: The Preamble, Articles of the Constitution, laws, amendments, youth crime, juveniles and the law.

Activities: Discussion groups, lectures, films, filmstrips, simulation game, individual projects and guest speakers.

Out-of-Class Time Required: Minimal.

Evaluation: Daily class participation and objective tests supplemented by individual evaluation where necessary.

APPLIED PHYSICAL EDUCATION 1

9

Semester/1.0 Credit

P08110

Content: Individual activities, lifetime sports, team sports, and co-educational activities. All students will be required to purchase/provide and wear a specific P.E. uniform. This uniform is the same as the P.E. uniform that was available to them while attending Chesterton Middle School. They may use a uniform that was purchased in previous years (as long as the fit is appropriate and uniform is CLEAN). All uniforms are available through the Duneland On-Line Store that can be found on the Duneland home page.

Activities: May include fitness and conditioning, soccer, bowling, basketball, wrestling, volleyball, softball, floor hockey, lacrosse, track, circuit training, tennis, handball, rollerblading, racquetball, aerobics, dance, badminton and swimming. At the beginning of the course, swimming ability of all students is determined. Based on that ability, each student is assigned one quarter of swimming. Swimming is required each semester of Basic PE.

Out-of-Class Time Required: Some study time and fitness planning expected. Written tests on history, rules, vocabulary and strategies are given.

Evaluation: Participation in class, skill development and improvement, proficiency in skill tests, and knowledge assessment on written tests that may cover history, rules, vocabulary and strategies of the sport or activity.

APPLIED PHYSICAL EDUCATION 2

9

Semester/1.0 Credit

P08210

Prerequisite: Physical Education 1 (P08110).

Content: Individual activities, lifetime sports, team sports, and co-educational activities. All students will be required to purchase/provide and wear a specific P. E. uniform. This uniform is the same as the P.E. uniform that was available to them while attending Chesterton Middle School. They may use a uniform that was purchased in previous years (as long as the fit is appropriate and the uniform is CLEAN). All uniforms are available through the Duneland On-Line Store that can be found on the Duneland home page.

Activities: May include fitness and conditioning, soccer, bowling, basketball, wrestling, volleyball, softball, floor hockey, lacrosse, track, circuit training, tennis, handball, rollerblading, racquetball, aerobics, dance, badminton and swimming. At the beginning of the course, swimming ability of all students is determined. Based on that ability, each student is assigned one quarter of swimming. Swimming is required each semester of Basic PE.

APPLIED HEALTH AND WELLNESS

10

Semester/1.0 Credit

P0520X

Content: Wellness, emotional and mental health, healthy and safe relationships, nutrition, physical activity, alcohol, tobacco, and drug abuse.

Activities: Reading assignments, group discussion, student projects.

Out-of-Class Time Required: Minimal

Evaluation: Daily participation, written assignments, and projects.

APPLIED INTERPERSONAL RELATIONSHIPS 9 10 11 12

Year/2.0 Credits (Pass/Fail)

S05730

Prerequisite: Permission of LRE teacher. Can be taken for repeated credit.

Content: The personal living needs of the individual related to community services; services available and how to use them; daily living skills involving housekeeping, social skills, and personal management are stressed.

Activities: Determined according to needs of students/IEP.

Out-of-Class Time Required: Minimal to none.

Evaluation: Individual progress, activities, effort.

APPLIED BASIC SKILLS DEVELOPMENT 9 10 11 12

Year/2.0 Credits (Pass/Fail)

S05731

Prerequisite: Permission of LRE teacher. Can be taken for repeated credit.

Content: The personal living needs of the individual related to daily living. Personal hygiene and semi-independent, self-management skills are stressed.

Activities: Determined according to needs of students/IEP.

Out-of-Class Time Required: Minimal.

Evaluation: Individual progress, activities, effort.

APPLIED ADULT ROLES & RESPONSIBILITIES 9 10 11 12

Year/2.0 Credits

S0575X

Prerequisite: Permission of LRE teacher. Can be taken for repeated credit.

Content: The personal living needs of the student related to living independently.

Activities: Determined according to needs of students /IEP.

Out-of-Class Time Required: Minimal

Evaluation: Individual progress, activities, and effort.

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APPLIED INTERDISCIPLINARY COOPERATIVE EDUCATION

9 10 11 12

Year/2.0 Credits

S05780

Prerequisite: Permission of LRE teacher. Can be taken for repeated credit.

Content: On the job training in an approved job.

Out-of-Class Time Required: Minimal

Evaluation: Individual progress, employer ratings, and teacher ratings based on job observations.

APPLIED FINE ARTS

9 10 11 12

Year/2.0 Credits

A6806X

Content: Exploration of methods, skills, and techniques for the creation of art.

Activities: Variety of methods of working with art materials. Students will learn through verbal and written communication.

Out-of-Class Time Required: Minimal.

Evaluation: Individual projects, daily motivation, participation and growth, as well as completion of all work.

APPLIED MUSIC

9 10 11 12

Year/2.0 Credits

N7850X

Content: Small group instruction to help develop a music education utilizing a variety of music methods and repertoire that allows students to create, perform and respond to music.

Out-of-Class Time Required: Minimal.

Evaluation: Individual projects, daily motivation, participation and growth, as well as completion of all work.

ADDITIONAL SPECIAL EDUCATION COURSES

BASIC SKILLS DEVELOPMENT 9-12

9 10 11 12

Semester/1.0 Credit

S05500, S05510

Prerequisite: Placement by Teacher of Record

Content: Instruction designed to support student success in their academic coursework.

Activities: Individual and group work.

Out-of-Class Time Required: Minimal

Evaluation: Individual progress and effort.

DEVELOPMENTAL READING

9 10 11 12

Semester/1.0 Credit

S0561M

Prerequisite: Permission of teacher and counselor. Targeted at students pursuing a general education diploma in need of improving reading skills.

Content: To improve reading skills in areas of vocabulary, word attack, and comprehension. Can be taken for repeated credit pending need/teacher permission.

Activities: Skill sheets, reading assignments and individual and group work.

Out-of-Class Time Required: Minimal.

Evaluation: Individual progress and effort.

SELF-IMPROVEMENT

9 10 11 12

Year/2.0 Credits

S054EH

Prerequisite: Placement by Teacher of Record

Content: Learning to understand one's self and learning to deal with everyday problems.

Activities: Reports, group discussion.

Out-of-Class Time Required: Minimal.

Evaluation: Tests, projects, individual progress, activities and effort.

COOPERATIVE EDUCATION [Vocational Work]

12

Year/6.0 Credits

S05780, S05781, S05782, S05783

Students enrolled in Cooperative Education attend academic-related classes in the morning, and then are released to go to their work site.

Prerequisite: A Special Services Student or a student demonstrating academic or financial need, plus approval from the counselor, CE coordinator and parents. The student must also have a job.

Content: On-the-job training in an approved job.

Out-of-Class Time Required: For each hour of work credit, 15 hours of work per week must be averaged.

Evaluation: Student is evaluated by the employer, CE coordinator and himself.

Service and Career

LIFEGUARDING 2

11 12

Year/2.0 Credits

Y80650

Prerequisite: Lifeguarding certification

Content: Students will lifeguard during Basic PE classes

CAREER EXPLORATION INTERNSHIP

12

Semester/1.0-3.0 Credits

Y96600

Content: The Career Exploration Internship is an unpaid work experience in the public or private sector that provides for workplace learning in an area of student career interests.

Activities: Students will work with a business to learn real world job applications in a specific career field. Dependant on internship location.

Out-of-Class Time Required: As scheduled by your internship site. Could be 1-2 blocks of the student's scheduled day.

INTRODUCTION TO PUBLIC SAFETY AND FIRST RESPONDERS

9 10 11 12

Semester/1.0 Credit

Y96610

Content: This class is focused on an introduction to law enforcement. Introduces specialized classroom and practical experiences related to public safety occupations such as law enforcement and homeland security. This course provides an introduction to the purposes, functions, and history of the three primary parts of the criminal justice system as well as an introduction to the investigative process. Oral and written communication skills should be reinforced through activities that model public relations and crime prevention efforts as well as the preparation of police reports. Throughout the course, students will focus on learning about employment opportunities and obtaining the knowledge, skills and attitudes essential for success in specific occupations. Descriptions development of leadership, communication and career related skills, and opportunities for community service.

Activities: Discussions, group activities such as preparing police reports,

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handcuffing techniques, SWAT and Police tactics, criminal investigations, and investigating traffic accidents.

Out-of-Class Time Required: Two hours per week on average

Evaluation: Participation of in and out of class activities and performance based tests

PEER TUTORING: MENTORING

10 11 12

Year/2.0 Credits

Y99180

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 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.

Out-of-Class Time Required: Minimal to none.

Evaluation: Supervising teacher will award a grade.

*****Senior students doing Principles of Teaching may also be a Peer Tutor during their SRT/study hall time. Seniors doing Principles of Teaching MAY NOT also be enrolled in Peer Tutoring: Mentoring.**

PEER TUTORING

10 11 12

Semester/No Grade or Credit

Y991TL, Y991SE

NOTE: A student may only earn 2 credits as any type of peer tutor.

Prerequisite: Must have a 2.5 cumulative grade point average.

Content: Student will work in a Special Education or Tutor Lab setting.

Evaluation: No grade or credit awarded.

PEER TUTORING: INTERNSHIP

10 11 12

Year/2.0 Credits

Y992TL, Y992SE, Y992MT

NOTE: A student may only earn 2 credits as any type of peer tutor.

Prerequisite: Peer Tutoring: Mentoring (Y99180). 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.

Out-of-Class Time Required: Minimal to none.

Evaluation: Supervising teacher will award a grade.

Career and Technical Education (CTE)

CAREER AND TECHNICAL PROGRAMS

11 12

Year/6.0 Credits

V96010-V96110

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.

As many as six (6) credits per year can be earned in a CTE program and another six (6) can be earned at Chesterton High School. 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.

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.

Additional information is available at the Porter County Career Center website: www.porterco.org/pcvc/

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