CHESTERTON

HIGH SCHOOL

2026 - 2027

COURSE DESCRIPTION GUIDE

COVER DESIGNED BY
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CLASS OF 2027

2026-2027

CHESTERTON HIGH SCHOOL COURSE DESCRIPTION GUIDE

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CHESTERTON HIGH SCHOOL

Inspire / Engage / Empower

CHESTERTON HIGH SCHOOL IS DEDICATED TO QUALITY EDUCATION FOR ALL STUDENTS AND IS COMMITTED TO DEVELOPING LIFELONG LEARNERS WHO WILL VALUE THEMSELVES AND OTHERS, CONTRIBUTE TO THEIR COMMUNITY, AND ACHIEVE INDIVIDUAL SUCCESS IN AN EVER-CHANGING WORLD.

OUR SCHOOL

Chesterton Senior High School is a four year comprehensive public school located about 50 miles southeast of Chicago in Chesterton, Indiana. Chesterton has a population of 14,500 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), two middle schools (7-8), and one high school (9-12). CHS is accredited by Cognia, is an Indiana Gold Star Counseling Award recipient, an ASCA Ramp school, and an International Baccalaureate (IB) school. 28% of our students are enrolled in the federal Free/Reduced Lunch Program.

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

CEEB CODE | 150500

GRADUATION REQUIREMENTS

All course offerings with full descriptions can be found at chs.duneland.k12.in.us/programs-services/school-counseling-office. Indiana requires 40 credits for graduation and 47 credits for the Academic Honors Diploma. Students enrolled in the IB program must complete the full IB Diploma. Minimum graduation requirements include...

ENGLISH 8 CREDITS	**MATH** 6 CREDITS	**SCIENCE** 6 CREDITS	**HEALTH** 1 CREDIT
SOCIAL STUDIES 6 CREDITS	**ELECTIVES**		**PHYSICAL EDUCATION** 2 CREDITS

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 5.07. GPA is calculated using the non-weighted/weighted scale below.

A+	4.33/5.33	C+	2.33/3.33	F	0.00
A	4.00/5.00	C	2.00/3.00	I	INCOMPLETE
A-	3.67/4.67	C-	1.67/2.67	AU	AUDIT
B+	3.33/4.33	D+	1.33	P	PASS
B	3.00/4.00	D	1.00	W	WITHDRAWN
B-	2.67/3.67	D-	0.67	WF	WITHD/FAIL

GRADUATION RATE

24-25	99.1%
23-24	98.8%
22-23	98.0%
21-22	95.0%

CHESTERTON HIGH SCHOOL *at a Glance*

1929 STUDENTS

61% PURSUE POST-SECONDARY EDUCATION

114 FACULTY

Class of 2026

7 IB CANDIDATES

06.03.26 GRADUATION DATE

474 STUDENTS

CONTACT US | 2125 S 11TH STREET, CHESTERTON, IN 46304 | 219-983-3730 | CHS.DUNELAND.K12.IN.US

ADVANCED COURSES

Chesterton High School offers 18 Honors classes and 26 AP courses.

ENGLISH

English 9 Honors, AP Seminar, AP Literature, AP Language & Composition

INFORMATION TECHNOLOGY

AP Computer Science Principles, AP Computer Science A

MATHEMATICS

Algebra 1 Honors, Geometry Honors, College Algebra Honors, AP Statistics, Finite Mathematics Honors, Pre-Calculus: Trigonometry Honors, AP Calculus AB, AP Calculus BC

SCIENCE

Biology 1 Honors, AP Biology, Chemistry 1 Honors, AP Chemistry, AP Physics 1, AP Physics 2, AP Physics C, AP Environmental Science

SOCIAL STUDIES

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

VISUAL ARTS

AP Art History, AP Drawing, AP 3D Studio Art

WORLD LANGUAGE

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

INTERNATIONAL BACCALAUREATE

Program Courses

GROUP 1 - LANGUAGE A

IB Language A: Literature HL

GROUP 2 - LANGUAGE B

IB World Language B SL

French, German, Japanese & Spanish

GROUP 3 - INDIVIDUALS & SOCIETIES

IB History HL
IB Philosophy SL

GROUP 4 - SCIENCE

IB Biology SL & HL
IB Environmental Systems & Societies SL

GROUP 5 - MATHEMATICS

IB Mathematics: Applications & Interpretations SL

GROUP 6 - FINE ARTS

IB Visual Art SL & HL
IB Film SL & HL

OTHER COMPONENTS

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

AP TESTING

MAY 2025

686 STUDENTS TOOK AN AP EXAM

1,184 EXAMS GIVEN

24 SUBJECTS TESTED

TESTING *Data*

ACT

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

SAT

YEAR	EBRW	MATH
2024	519	498
2023	520	508
2022	518	516

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

NATIONAL MERIT

	2026	2025	2024
SEMI-FINALISTS	3	1	4
COMMENDED	3	7	2
FINALISTS	TBD	1	4

COLLEGES ENROLLING 1 OR MORE CHS GRADUATES over the past 2 years

Adrian College
Anderson University
Air Force Academy
Augustana College
Ball State University
Bellarmine University
Brigham Young University (Idaho)
Butler University
Calumet College of Saint Joseph
Calvin University
Case Western Reserve University
Central Michigan University
College of DuPage
Columbia College Chicago
Cornell University
Dartmouth College
Davenport University Grand Rapids
Denison University
DePaul University
DePauw University
DeSales University
Embry-Riddle Aeronautical University(Prescott)
Grace College and Theological Seminary
Grand Valley State University
Holy Cross College
Indiana State University
Indiana University Fort Wayne
Indiana University Indianapolis
Indiana University-Bloomington
Indiana University-Northwest
Indiana University-South Bend
Iona University
Ivy Tech Community College (All Campuses)
Kendall College
Kent State University at Kent
Lake Michigan College
Liberty University
Louisiana State University Ag. & & Mechanical College
Loyola University Chicago
Manchester University
Marian University
Marian University's Ancilla College
Miami University-Oxford
Michigan State University
Morehead State University
North Central College
Northern Michigan University
Ohio State University (Main Campus)
Ohio University-Main Campus
Olivet College
Purdue University Fort Wayne
Purdue University Northwest
Purdue University-Main Campus
Ringling College of Art and Design
Rose-Hulman Institute of Tech.
Saint Mary's College
Sam Houston State University
Santa Clara University
Seaton Hall University
Taylor University
Temple University Japan
Texas A & M University-College Station
The University of Alabama
University of Chicago
University of Cincinnati-Main Campus
University of Colorado Boulder
University of Dubuque
University of Evansville
University of Florida
University of Indianapolis
University of Iowa
University of Kansas
University of Kentucky
University of Michigan-Ann Arbor
University of Notre Dame
University of Pikeville
University of Pittsburgh-Pittsburgh Campus
University of Saint Francis-Fort Wayne
University of South Carolina-Columbia
University of Tampa
University of Wisconsin-Madison
Valparaiso University
Villanova University
Vincennes University
Wabash College
Xavier University

School Counselors

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Dual Credit

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

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

ONE YEAR WORTH OF COLLEGE CREDITS

$0 - $750	$7,000 - $11,000
Cost while attending Chesterton High School	Average cost while on a 2-4 year in-state college campus

College credits earned through Dual Credit programs at CHS are widely accepted at in-state and some out-of-state colleges and universities. CHS currently has Dual Credit partnerships with Ivy Tech Community College, Purdue University Northwest, University of Southern Indiana, Ball State University, Indiana University, and Vincennes University.

High school and college credit are separate from one another and students must adhere to the below college guidelines to earn the college credit:

- Students need to register with the college/university, enroll in the course(s), and take the required knowledge assessments by the registration deadline.
- Dual credit programs require a grade of "C" or better.
- If a student drops their college credit, they will still be enrolled in the high school course.
- Registration, course drop, withdrawal, and payment dates must be met by the deadlines set forth by each college or university.
- The records for the course work are separate. The college credit is recorded on the respective college/university transcript and the high school credit is recorded on the student's CHS transcript.

Students have the opportunity to start college with 30 credit hours by earning the Indiana College Core (ICC) through dual credit coursework.

DUAL CREDIT COURSES AT CHESTERTON HIGH SCHOOL

BUSINESS
Digital Marketing
Entrepreneurial Lean Marketing
Financial Foundations for Entrepreneurs
Management Fundamentals
Marketing Fundamentals
New Venture Development
Personal Financial Responsibility
Principles of Business Management
Principles of Entrepreneurship

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

FAMILY & CONSUMER SCIENCES
Culinary Arts
Early Childhood Curriculum
Early Childhood Education Capstone
Early Childhood Education Guidance
Nutrition
Principles of Culinary & Hospitality
Principles of Early Childhood Education

INDUSTRIAL TECHNOLOGY
Advanced Precision Machining
Civil Engineering & Architecture
Construction Trades: Framing & Finishing
Construction Trades: General Carpentry
Introduction to Engineering Design
Precision Machining Fundamentals
Principles of Construction Trades
Principles of Engineering Design
Principles of Precision Machining

INFORMATION TECHNOLOGY
Audio Video Production
Information Technology Fundamentals
Mass Media Production
Networking and Cybersecurity Operations
Principles of Computing
Radio/TV Broadcasting Capstone

MATHEMATICS
AP Calculus AB
Brief Calculus
Finite Honors
PreCalculus: Algebra
PreCalculus: Trigonometry
Quantitative Reasoning

PHYSICAL EDUCATION & HEALTH
Kinesiology
Principles of Exercise Science

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

SERVICE & CAREER
Career Explorations
Corrections and Cultural Awareness
Law Enforcement Fundamentals
Principles of Criminal Justice

SOCIAL STUDIES
AP Art History
AP Microeconomics
AP Macroeconomics
AP Psychology
AP United States Government & Politics
AP United States History
United States History
United History Honors

VISUAL ARTS
Principles of Digital Design
Professional Photography & Videography

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

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

Indiana College Core

The Indiana College Core (ICC) is a block of 30 credit hours of college-level education coursework which fulfills core requirements equivalent to a student's first year of college. By earning this certificate, ***students can start college as a sophomore***. Credits are guaranteed to transfer to any public and some private Indiana four-year institutions.

Students can combine Dual Credit, Advanced Placement (AP), and International Baccalaureate (IB) courses to earn the ICC in six competencies. A minimum of 15 dual credit hours need to be earned through Ivy Tech Community College.

Students can get ahead by focusing on major specific coursework and have more flexibility creating their college schedule. Students can save money by earning a full year of general education credits for **FREE**. By completing these credits, students can graduate on time or *early* from college. Students will be able to explore more opportunities while in college. There will be more time to volunteer, join campus organizations, gain work study experience or study abroad.

WHY EARN ICC?

- GET AHEAD
- SAVE TIME & MONEY
- EXPLORE MORE OPPORTUNITIES

INDIANA COLLEGE CORE COURSES AT CHESTERTON HIGH SCHOOL

QUANTITATIVE REASONING

STUDENTS MUST COMPLETE A MINIMUM OF ONE BUT NOT MORE THAN 5 OF THESE COURSES:

Quantitative Reasoning
Finite
College Algebra
Pre-Calculus Trigonometry
Brief Calculus
AP Calculus AB
AP Calculus BC
IB Math AI SL

HUMANISTIC

STUDENTS MUST COMPLETE A MINIMUM OF ONE BUT NOT MORE THAN 5 OF THESE COURSES:

Spanish/German/French 3
Spanish/German/French 4
IB Spanish SL/German SL/French SL
AP Spanish Language & Culture
AP Art History
AP Literature & Composition
World Literature 1
World Literature 2

SPEAKING & LISTENING

STUDENTS MUST COMPLETE:

Advanced Speech

SCIENTIFIC

STUDENTS MUST COMPLETE A MINIMUM OF ONE BUT NOT MORE THAN 5 OF THESE COURSES:

Earth & Space Science 1
Chemistry 2
AP Biology
AP Chemistry
AP Physics 1
AP Physics 2
IB Biology HL

SOCIAL & BEHAVIORAL

STUDENTS MUST COMPLETE A MINIMUM OF ONE BUT NOT MORE THAN 5 OF THESE COURSES:

US History
US History Honors
AP US History
AP Microeconomics
AP Macroeconomics
AP Government
AP Psychology
IB History HL

WRITTEN COMMUNICATION

STUDENTS MUST COMPLETE ONE BUT NOT MORE THAN 2 OF THESE COURSES:

Advanced Composition
Rhetoric
AP Language & Composition
IB English Literature HL

Visit these sites for more information!

Chesterton High School
Dual Credit Information

TransferIN
transferin.net

Indiana College Core
mycollegecore.org

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

Graduation Pathways

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

1

HIGH SCHOOL DIPLOMA

Meet the State of Indiana requirements for a high school diploma

See Requirements on Page 6 and 7

2

EMPLOYABILITY SKILLS

Must complete one of the following:

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

More information on Page 8

3

POSTSECONDARY-READY COMPETENCIES

Must complete one of the following:

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

More information on Page 8

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

1 Diploma Requirements

INDIANA CORE 40 EXPECTATIONS:

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

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

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

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

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

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

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

2 Employability Skills

Students must complete at least one of the following:

PROJECT-BASED LEARNING

May include...

Computer Science - Special Topics

IB Extended Essay

PLTW Civil Engineering & Architecture

Trailbound - Topics in History

SERVICE-BASED LEARNING

Co- & Extra-Curriculars

(CHS Band, Choir, Orchestra, Sport, Club, Speech/Debate or Club)

Community Service

WORK-BASED LEARNING

Governor's Work Ethic Certification

Outside Employment

Approved Course

(CHS Course, PCCTE Course, School-based Enterprise, Registered Apprenticeship, Internship)

Post-Secondary Competencies 3

Students must complete at least one of the following:

HONORS DIPLOMA	Academic Honors Diploma or Technical Honors Diploma
ACT	ACT College Ready Benchmarks 18 in English or 22 in Math AND 22 in Reading or 23 in Science
SAT	SAT College Ready Benchmarks 480 in EBRW and 530 in Math
ASVAB	Minimum AFQT score of 31
STATE & INDUSTRY RECOGNIZED CREDENTIAL OR CERTIFICATION	Visit the Indiana Department of Education's website for an updated list of State and Industry Recognized Credentials and Certifications.
CAREER-TECHNICAL EDUCATION CONCENTRATOR	CTE Course Concentrators Must earn "C" average or higher in Required NLPS Concentrator Courses in a state-approved CTE Pathway (Principles, Concentrator A, & Concentrator B). *More info on page 9*
AP/IB/DUAL CREDIT COURSES	Must earn "C" average in at least three credits (at least one in core content area) A score of 3 or higher on an AP exam will satisfy "C" grade requirement
COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) EXAMS	Minimum score of 50 on at least 3 subject area exams (at least one in core content area)
LOCALLY CREATED PATHWAY	Must be approved by the State Board of Education

New Diploma Requirements

CLASS OF 2029 *AND BEYOND*

The new diploma structure includes a base (minimum requirements) for every student, plus the opportunity to earn readiness seals aligned with their unique path. Students are encouraged to seize this flexibility by personalizing their high school experience. Students who do not earn a seal must still complete components 2 and 3 of Graduation Pathways. Students are encouraged to utilize the blueprints below to focus their flexible credits into a connected pathway that aligns with their future goals. Students may earn one or multiple seals. Graduation Pathways requirements will be satisfied through completion of any seal.

NEW INDIANA DIPLOMA (42 CREDITS)		
ENGLISH	8 CREDITS	2 Credits: English 9 1 Credit: Advanced Speech 5 Credits: Additional English Courses
MATH	7 CREDITS	2 Credits: Algebra 1 1 Credit: Personal Finance 4 Credits: Additional Math Courses
SCIENCE, TECHNOLOGY, & ENGINEERING	7 CREDITS	2 Credits: Biology 1 2 Credits: STEM Focused Courses 1 Credit: Computer Science 2 Credits: Additional Science Courses
SOCIAL STUDIES	5 CREDITS	2 Credits: United States History 1 Credit: United States Government 2 Credits: AP Human Geography or Geography
HEALTH & PHYSICAL EDUCATION	2 CREDITS	1 Credit: Health 1 Credit: Physical Education
COLLEGE & CAREER	1 CREDIT	1 Credit: Preparing for College & Careers
PERSONALIZED ELECTIVES	12 CREDITS	12 Credits: Aligned to future goals

READINESS SEALS

	ENROLLMENT SEAL	EMPLOYMENT SEAL	ENLISTMENT SEAL
HONORS SEAL	• Complete the following credits: - 4 World Language credits - 6 Social Studies credits - 8 Math credits - 6 Science credits • Earn a C or higher in all courses **AND** Earn a cumulative B average • Complete **ONE** of the following: - Earn 4 credits in AP & Take Exams - Earn 4 Credits in IB & Take Exams - Earn 6 College Credits - Score 1250 on SAT or 26 on ACT - Earn 3 College Credits AND Earn 2 AP/IB Credits & Take Exams	• Complete **ONE** of the following: - Market-Driven Credential - 3 CTE Pathway Courses - Locally Created Pathway • Complete 150 Hours of Work-Based Learning • Meet Attendance Goal • Demonstrate Skills in all of the following areas: - Communication - Collaboration - Work Ethic	• Complete **ONE** of the following: - Principles of Criminal Justice • ASVAB Score of 31 or higher **AND** Complete **ONE** of the following: - All 3 Career Exploration Components - DOE Career Exploration Tool • Meet Attendance Goal • Demonstrate Skills in all of the following areas (externally verified): - Communication - Collaboration - Work Ethic
HONORS PLUS SEAL	• Earn the Honors Enrollment Seal **PLUS**: • Earn **ONE** Credential of Value: - Associate Degree - Indiana College Core - Technical Certificate - IB Diploma - AP Scholar with Distinction • Complete 75 Hours of Work-Based Learning • Demonstrate Skills in all of the following areas: - Communication - Collaboration - Work Ethic	• Earn the Honors Employment Seal **PLUS**: • Earn **ONE** Credential of Value: - Associate Degree - Indiana College Core - Technical Certificate - Advanced Industry Certificate • Complete Additional 650 Hours of Work-Based Learning: - Pre-Apprenticeship - Modern Youth Apprenticeship • Demonstrate Skills in all of the following areas: - Communication - Collaboration - Work Ethic	• Earn the Honors Enlistment Seal **PLUS**: • Complete **ONE** of the following: - ASVAB Score of 50 or higher - Enrollment in College ROTC - Acceptance to a Service Academy • Demonstrate Leadership Excellence through **ONE** of the following: - Completion of 100 Hours of Public Service - Holding a Leadership Role in a Co/Extracurricular Activity - Completion of 2 Seasons of a Team-Based Sport or Activity

Career Pathways

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

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

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

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

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

CHESTERTON HIGH SCHOOL WILL OFFER THE FOLLOWING CAREER PATHWAYS DURING THE 2026-27 SCHOOL YEAR.

BUSINESS

ACCOUNTING
Principles of Business Management → Accounting Fundamentals → Advanced Accounting

BUSINESS ADMINISTRATION
Principles of Business Management → Marketing Fund. OR Management Fund. → Digital Marketing

MARKETING & SALES
Principles of Business Management → Marketing Fundamentals → Digital Marketing OR Strategic Marketing

ENTREPRENEURSHIP
Principles of Entrepreneurship → Entrepreneurial Operation → New Venture Development

CIVIC ARTS

PERFORMING ARTS
Beg./Inter. Choir/Band/Orchestra → Inter./Adv. Choir/Band/Orchestra → Inter./Adv. Choir/Band/Orchestra

VISUAL ARTS
Intro to 2D Art **AND** Sculpture 1 → 2 Semesters of a 2D Art Class → 2 Semesters of a 3D Art Class

INFORMATION TECHNOLOGY

COMPUTER SCIENCE
Principles of Computing → Topics in Computer Science → Computer Science

CYBERSECURITY AND INFORMATION ASSURANCE
Principles of Computing → Information Tech. Fundamentals → Networking Cyber-security & Operations

RADIO & TV BROADCASTING
Principles of Broadcasting → AV Production Essentials → Mass Media Production

FAMILY & CONSUMER SCIENCE

EDUCATION CAREERS
Principles of Teaching → Child & Adolescent Development → Teaching & Learning

EARLY CHILDHOOD
Principles of Early Childhood Education → Early Childhood Education Curriculum → Early Childhood Education Guidance

HUMAN SERVICES
Principles of Human Services → Fundamentals of Human Services → Community Health Worker

CULINARY
Principles of Culinary & Hospitality → Nutrition → Culinary Arts

INTERIOR DESIGN
Principles of Interior Design → Interior Design Fundamentals → Materials, Finishes, & Design

INDUSTRIAL TECHNOLOGY

CONSTRUCTION TRADES A
Principles of Construction Trades → General Carpentry → Framing & Finishing

CIVIL CONSTRUCTION
Principles of Construction Trades → Civil Construction Fundamentals → Advanced Civil Construction

PRECISION MACHINING
Principles of Precision Machining → Precision Machining Fundamentals → Advanced Precision Machining

CONSTRUCTION TRADES B
Principles of Construction Trades → General Carpentry → Framing & Finishing

ENGINEERING (PLTW)
Introduction to Engineering Design → Principles of Engineering → Civil Engineering & Architecture

HEALTH & PHYSICAL EDUCATION

EXERCISE SCIENCE
Principles of Exercise Science → Kinesiology → Human Performance ***(27-28 School Year)***

PLTW SCIENCE

BIOMEDICAL SCIENCE
Principles of Biomedical Sciences → Human Body Systems → Medical Interventions

SERVICE & CAREER

CRIMINAL JUSTICE
Principles of Criminal Justice → Law Enforcement Fundamentals → Corrections & Cultural Awareness

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

Student Recognition

TOP 5%

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

ACADEMIC SCHOLAR AWARD

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

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

HONOR ROLL

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

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

HONORS POINT

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

Grade Point Average

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

Semester Courses:

POINT VALUES:

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

HONORS POINT VALUES:

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

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

Scholastic Eligibility Requirements

FOR CO-CURRICULAR & EXTRA-CURRICULAR PARTICIPATION

1. To be eligible scholastically, students must have received passing grades at the end of their last grading period in school in at least five (5) full credit subjects or the equivalent and must be currently enrolled in at least five (5) full credit subjects or the equivalent. Semester grades take precedence.
   NOTE: A full credit subject requires a minimum total of 250 minutes of instruction per week for one (1) semester.

2. Students attending State approved vocational or special education schools may transfer such grades and credits earned to their home school for the purpose of establishing eligibility. A subject for which credit has previously been granted may not, if repeated, be counted to satisfy this rule. Students who are ineligible scholastically at the end of a grading period or semester, are ineligible for the following grading period.

3. An incomplete or conditional grade at the end of a grading period or semester counts as a failure until deficiency has been removed, providing such is removed before the end of the following grading period or summer, whichever comes first.

4. Any senior graduating mid-year may participate in the following school activities only: prom, senior banquet and graduation.

NAIA & NCAA Eligibility

NAIA ELIGIBILITY INFORMATION

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

NCAA ELIGIBILITY INFORMATION

College-bound student-athletes preparing to enroll in Division I or Division II schools need to register with the NCAA Eligibility Center to ensure they have met amateurism standards and are academically prepared for college coursework.
To view a current list of NCAA courses offered at Chesterton High School, you can search by our CEEB/ACT Code (150500) on the NCAA High School Portal. Please note that some new CHS courses may still be going through the NCAA approval process and may not be listed.

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

Unweighted Grade Quality Points	**Weighted Grade Quality Points**
Honors (H) and Advanced Placement (A)	Honors (H) and Advanced Placement (A)
A = 4 B = 3 C = 2 D = 1	A = 5 B = 4 C = 3 D = 2

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

Academic Planning

PLANNING YOUR SCHEDULE

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

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

TEACHER RECOMMENDATIONS

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

Individual Student Advisement Plan

ALL STUDENTS

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

PARENTS

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

GRADE 8 Students will meet with a high school counselor to discuss the transition from middle school to high school.

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

GRADE 10 All sophomore students will take the Preliminary SAT (PSAT/NMSQT) in October. Sophomore students will work with their school counselor to discuss career and post-secondary goals as well as to update their 4-year plan and create an appropriate junior year schedule. Students will have the opportunity to view a CTE video, meet with counselors from the Porter County Career Center as well as visit the local CTE programs.

GRADE 11 Junior students and families will be invited to an individual conference to work with their school counselor to discuss career and post-secondary goals as well as to update their 4-year plan and create an appropriate senior year schedule. Students will have opportunities to visit and enroll in CTE programs. All juniors will take the PSAT/NMSQT in October. An SAT test will be given to all juniors in March. Junior students are encouraged to meet with college representatives who visit CHS as well as to begin taking college visits.

GRADE 12 All senior students will have individual sessions with their school counselor to discuss completion of academic requirements for graduation, post-secondary plans, and the steps they need to take to progress to their post-graduation goals. Senior students are encouraged to take college visits and meet with college representatives who visit CHS. A Financial Aid night will be held annually. This is an opportunity to hear a presentation on the FAFSA, other forms of financial aid, gather loan information, and talk to a local college financial aid officer.

Schedule Change Policy

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

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

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

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

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

Withdrawal/Level Down Policy

WITHDRAW

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

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

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

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

LEVEL DOWN

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

**Administrative discretion or error, medical diagnosis, or placement change may constitute exceptions to this policy.*
**Level changes are contigent upon availability.*

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

Business & Information Technology

Business Career Pathways CTE Concentrators

ACCOUNTING GRADUATION PATHWAY

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Principles of Business Management	Accounting Fundamentals	Advanced Accounting	Accounting Capstone *(Internship)*

BUSINESS ADMINISTRATION GRADUATION PATHWAY

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Principles of Business Management	Marketing Fundamentals **OR** Management Fundamentals	Digital Marketing	Business Admin. Capstone *(Internship)*

ENTREPRENEURSHIP GRADUATION PATHWAY

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Principles of Entrepreneurship	Entrepreneurial Operation	New Venture Development	Business Mgt. Capstone *(Internship)*

MARKETING AND SALES GRADUATION PATHWAY

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Principles of Business Management	Marketing Fundamentals	Digital Marketing *(CHS)* **OR** Strategic Marketing *(PCCC)*	Business Mgt. Capstone *(Internship)*

PRINCIPLES OF BUSINESS MANAGEMENT

9 10 11 12

IDOE #4562 (PRIN BUS) **B4562**

Year/2.0 Credits

This course can be taken for Dual Credit.

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

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

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

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

ACCOUNTING FUNDAMENTALS

10 11 12

IDOE #4524 (ACCT FUND) **B4524**

Year/2.0 Credits

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

IDOE #4522 (ADV ACC) **B4522**

Year/2.0 Credits

Prerequisites: Accounting Fundamentals

Content: Explore the real world of financial services through this advanced, second-year course of accounting and receive three college credits--free. Continue this interactive discovery through the use of automated accounting, Excel, and the Internet. Find out how sports teams, soft drink companies, cosmetic firms and others analyze financial statements to make decisions. Learn about horizontal and vertical financial analysis. Advance your accounting knowledge to include corporate earnings, stocks, and dividends. Evaluate cost data and management efficiency through ratio analysis. If you liked Accounting, you'll love this advanced interactive course. All course work is done in the lab with instructor supervision.

Activities: Book and workbook exercises, computer simulations and projects, Excel, and games.
Out-of-Class Time Required: Limited unless absent.
Evaluation: Objective tests, daily work, and participation.

MANAGEMENT FUNDAMENTALS

10 11 12

IDOE #7143 (MGMT FUND) **B7143**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Business Management
Content: Management Fundamentals describes the functions of managers, including the management of activities and personnel. Describes the judicial system and the nature and sources of law affecting business. Studies contracts, sales contracts with emphasis on Uniform Commercial Code Applications, remedies for breach of contract and tort liabilities. Examines legal aspects of property ownership, structures of business ownership, and agency relationships. Management Fundamentals allows students to gain a deeper understanding of the concepts studied in Principles of Business Management. They will further study management, as well as its functions and activities. They will further expand their knowledge of the law as it applies to business, such contract law, property ownership, and how businesses are structured and created. Current court cases and world events will be utilized to allow students to apply knowledge to real world situations.
Activities: Contract writing, mock trials, property and lease agreement development, business organization incorporation, personnel management system development
Out-of-Class Time Required: One to three hours per week.
Evaluation: Tests and quizzes, classroom and homework assignments, and projects.

PRINCIPLES OF ENTREPRENEURSHIP

9 10 11 12

IDOE #7154 (PRIN ENTR) **B7154**
Year/2.0 Credits
This course can be taken for Dual Credit.
Content: Principles of Entrepreneurship focuses on students learning about their own strengths, character and skills and how their unique abilities can apply to entrepreneurship, as well as how an entrepreneurial mindset can serve them regardless of their career path. Students will learn about the local, regional and state resources and will begin to understand and apply the entrepreneurial process. The course helps students to identify and evaluate business ideas while learning the steps and competencies required to launch a successful new venture. The course helps students apply what they have learned from the content when they write a Personal Vision Statement, a Business Concept Statement, and an Elevator Pitch.
Activities: There will be projects in which skills learned in class can be applied in order to work on creating a small business.
Out-of-Class Time Required: One to three hours per week. There may be some projects that will require more time after school than a normal week.
Evaluation: Students will be graded on essays, tests and projects.

NEW VENTURE DEVELOPMENT

10 11 12

IDOE #7148 (NEW VENT) **B7148**
Year/2.0 Credits
Prerequisite: Principles of Entrepreneurship
Content: New Venture Development is targeted to students interested in creating and growing their own businesses. The course will focus on key marketing strategies particularly relevant for new ventures. Students will apply marketing concepts to entrepreneurial company challenges, which include creating and nurturing relationships with new customers, suppliers, distributors, employees and investors; and understand the special challenges and opportunities involved in developing marketing strategies "from the ground up."
Activities: There will be projects in which skills learned in class can be applied in order to work on creating a small business.
Out-of-Class Time Required: One to three hours per week. There may be some projects that will require more time after school than a normal week.
Evaluation: Students will be graded on essays, tests and projects.

SMALL BUSINESS OPERATION

10 11 12

IDOE #7147 (SM BUS OPER) **B7147**
Year/2.0 Credits
Prerequisite: Principles of Entrepreneurship
Content: Small Business Operations will help students identify and evaluate the various sources available for funding a new enterprise; demonstrate an understanding of financial terminology; read, prepare, and analyze basic financial statements; estimating capital requirements and risk, exit strategies; and prepare a budget for their business, including taxes and personnel costs. In addition, the student should be able to explain the importance of working capital and cash management. The student should also be able to identify financing needs, and prepare sales forecasts.
Activities: There will be projects in which skills learned in class can be applied in order to work on creating a small business.
Out-of-Class Time Required: One to three hours per week. There may be some projects that will require more time after school than a normal week.
Evaluation: Students will be graded on essays, tests and projects.

PERSONAL FINANCIAL RESPONSIBILITY

10 11 12

IDOE #4540 (PRS FIN RSP) **B4540**
Semester/1.0 Credit
This course can be taken for Dual Credit.
Content: This course is strongly recommended for all students as the topics covered will help students to be productive workers, consumers, and citizens. This course includes instruction in improving economic citizenship in personal management and consumerism - managing money received and deciding how to spend it wisely. Units of instruction include the stock market, investing in mutual funds and real estate, checking accounts and banking, saving for the future, credit, housing, and the consumer in the marketplace.

Activities: Discussions, readings, chapter exercises, group activities, internet activities, and two long-term projects/simulations in checking accounts and household financial management.
Out-of-Class Time Required: Two hours per week.
Evaluation: Objective and short answer tests along with special homework assignments.

MARKETING FUNDAMENTALS

10 11 12

IDOE #5914 (MRKT FUND) **B5914**
Year/2.0 Credits
This course can be taken for Dual Credit.
Content: Did you ever wonder why products like the DeLorean, Crystal Pepsi, McDonald's Arch Deluxe, or New Coke never made it on the market? Find out what it takes to be successful in sports, entertainment, tourism, and hospitality marketing. This course will cover such topics as: functions of marketing, marketing strategies, products and pricing, channels of distribution, advertising and selling and careers in marketing.
Activities: Lectures, class discussions, and in class projects/activities
Out-of-Class Time Required: One hour per week.
Evaluation: Tests, quality of discussions and homework assignments.

DIGITAL MARKETING

11 12

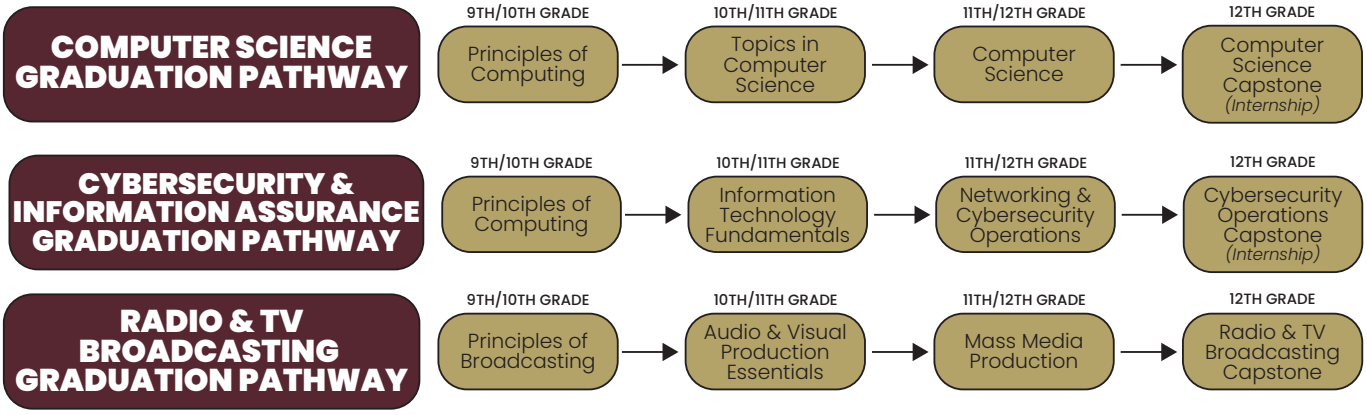
IDOE #7145 (DGTL MARK) **B7145**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Marketing Fundamentals
Content: Digital Marketing provides an introduction to the world of e-commerce and digital marketing media. The course covers how to integrate digital media and e-commerce into organizational and marketing strategy. Students will explore e-commerce applications and the most popular digital marketing tactics and tools. Emphasizes familiarity with executing digital media, understanding the marketing objectives that digital media can help organizations achieve, and establishing and enhancing an organization's digital marketing presence.
Activities: Projects, Tests
Out-of-Class Time Required: Two to four hours per week.
Evaluation: Projects, Tests

PREPARING FOR COLLEGE AND CAREERS

9 10 11 12

IDOE #5394 (PREP CC) **B5394**
Semester/1.0 Credit
Content: What every student needs to succeed in today's world of work. This course will help chart a course for career exploration and assist in the transition to the work world. It will offer a look into life roles and responsibilities and how to be a productive participant in the work force.
Activities: Discussion, research in the College/Career Center, computer activities, activity sheets, projects, videos, guest speakers, lectures, and a job shadowing experience.
Out-of-Class Time Required: One to two hours per week.
Evaluation: Projects, assignments, activities and tests.

Information Technology Career Pathways CTE Concentrators



PRINCIPLES OF COMPUTING

9 10 11 12

IDOE #7183 (PRIN COMP INFO) **B7183**
Year/2.0 Credits (Weighted Grade)
This course can be taken for Dual Credit.
Content: Principles of Computing provides students the opportunity to explore how computers can be used in a wide variety of settings. The course will begin by exploring trends of computing and the necessary skills to implement information systems. Topics include operating systems, database technology, cybersecurity, cloud implementations and other concepts associated with applying the principles of good information management to the organization. Students will also have the opportunity to utilize basic programming skills to develop scripts designed to solve

problems. Students will learn about algorithms, logic development and flowcharting.
Activities: Lectures, discussions, computer projects, computer activities
Out-of-Class Time Required: Two to five hours per week.
Evaluation: Tests, projects/labs, classwork and participation.

ADVANCED PLACEMENT **COMPUTER SCIENCE PRINCIPLES** 9 10 11 12

IDOE #4568 (AP CSP) **B4568**
Year/2.0 Credits (Weighted Grade)
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Content: AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.
Activities: Lectures, discussions, computer projects, computer activities
Out-of-Class Time Required: Three to six hours per week.
Evaluation: Tests, projects/labs, classwork and participation.

INFORMATION TECHNOLOGY FUNDAMENTALS 10 11 12

IDOE #7180 (INFO TECH FUN) **B7180**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Computing or AP Computer Science Principles with a "C" average.
Content: Information Technology Fundamentals provides the necessary competencies required for an entry-level Information Technology professional. Students will have the knowledge required to assemble components based on customer requirements, install, configure and maintain devices/software for end users, understand the basics of networking and security, properly and safely diagnose, resolve and document common hardware and software issues while applying troubleshooting skills. Students will also learn appropriate customer support, understand the basics of virtualization, desktop imaging, and deployment. This course should also prepare students for the CompTia A+ Certification Exam.
Activities: Lectures, discussions, computer projects, computer activities
Out-of-Class Time Required: Three to six hours per week.
Evaluation: Tests, projects/labs, classwork and participation.

NETWORKING AND CYBERSECURITY OPERATIONS 11 12

IDOE #7181 (INFO TEC SUP SER) **B7181**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Information Technology Fundamentals with a "C" average.
Content: Networking and Cybersecurity Operations will provide students with the fundamental concepts in networking and cybersecurity. Students are introduced to the principles and concepts of computer networking, covering the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. Students will be able to troubleshoot routers and switches and resolve common issues. The students will also explore the field of Cyber Security/Information Assurance focusing on the technical and managerial aspects of the discipline. Students will be introduced to the basic terminology, concepts, and best practices of computer/network security and the roles and responsibilities of management/security personnel. The students will learn the technologies used and techniques involved in creating a secure computer networking environment including authentication and the types of attacks against an organization.
Activities: Lectures, discussions, computer projects, computer activities
Out-of-Class Time Required: Three to six hours per week.
Evaluation: Tests, projects/labs, classwork and participation.

TOPICS IN COMPUTER SCIENCE 10 11 12

IDOE #7351 (TOP COMP SCI) **B7351**
Year/2.0 Credits
Prerequisite: AP Computer Science Principles
Content: Topics in Computer Science builds upon the foundations of computer science with an in-depth investigation of emerging disciplines. Students will study the areas of data science, artificial intelligence, application/game development, and information security. Students will utilize project-based learning to develop solutions to authentic problems.
Activities: Lectures, discussions, computer projects, computer activities
Out-of-class-time required: Three to six hours per week.
Evaluation: Tests, projects/labs, classwork and participation.

COMPUTER SCIENCE 10 11 12

IDOE #7352 (COMP SCI) **B7352**
Year/2.0 Credits (Weighted Grade)
This course can be taken for Dual Credit.
Prerequisite: Topics in Computer Science with a "C" average.
Content: Computer Science introduces the fundamental concepts of procedural programming. Topics include data types, control structures, functions, arrays, files, and the mechanics of running, testing, and debugging. The course also offers an introduction to the historical and social context of computing and an overview of computer science as a discipline.

Activities: Lectures, discussions, computer projects, computer activities
Out-of-class-time required: Three to six hours per week.
Evaluation: Tests, projects/labs, classwork and participation.

ADVANCED PLACEMENT **COMPUTER SCIENCE A** 11 12

IDOE #4570 (AP COMP SCI) **B4570**
Year/2.0 Credits (Weighted Grade)
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: AP Computer Science Principles and Topics in Computer Science with a "C" average.
Content: AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.
Activities: Lectures, discussions, computer projects, computer activities
Out-of-class-time required: Three to six hours per week.
Evaluation: Tests, projects/labs, classwork and participation.

PRINCIPLES OF BROADCASTING 9 10 11 12

IDOE #7139 (PRIN BROAD) **B7139**
Year/2.0 Credits
Content: Principles of Broadcasting provides an introduction to the fundamentals of digital production, both on-air and on the internet. Students will develop basic skills in digital production techniques for audio, video, studio and field production. Students will learn the theory of audio and video production in addition to practicing it. This course is taught in the classroom and in the studios of WDSO. The high school's radio station, WDSO, is a fully functioning FM radio station that covers most of Northwest Indiana. Students will have an opportunity to be on the air.
Activities: Students will complete practice exercises, work with broadcasting equipment, and complete projects.
Out-of-Class Time Required: One to three hours per week. Most projects can be completed in school but work that is not completed at school needs to be completed at home.
Evaluation: Quality of projects and performance on quizzes

AUDIO AND VIDEO PRODUCTION ESSENTIALS 10 11 12

IDOE #7306 (AUD VID PROD) **B7306**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Broadcasting
Content: This is a second level course in broadcasting that focuses on advanced audio techniques. While there is an emphasis on audio, the students will dive deeper into using Chesterton High School's TV Studio. This course has more use of equipment than the other second level course. Students will have weekly lectures and quizzes. The class will include time for the students to be live on 88.3.
Activities Radio studio use, TV studio use FM on-air DJing, Podcasting and Recordings
Out-of-Class Time Required: One to three hours per week. Most projects can be completed in school but work that is not completed at school needs to be completed at home.
Evaluation: Quality of projects and performance on quizzes and tests.

MASS MEDIA PRODUCTION 10 11 12

IDOE #7307 (MASS MED PROD) **B7307**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Broadcasting
Content: The second level course in broadcasting focusing on advanced video techniques. While there is an emphasis on video, the students will dive deeper into using Chesterton High School's FM studios - WDSO. This course has more time in front of the camera than the other second level course. Students will have weekly lectures and quizzes. The class will include time for the students to record the video announcements and report on happenings at Chesterton High School.
Activities: TV studio use, field production, lecture, use of WDSO studios
Out-of-Class Time Required: One to three hours per week.
Evaluation: Quality of projects and performance on quizzes and tests.

RADIO AND TV BROADCASTING CAPSTONE 12

IDOE #7308 (RADTV BROAD CAP) **B7308**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Broadcasting; AV Production Essentials and Mass Media Production
Content: Students will propose a course of study for the semester involving television and radio and have it approved by the instructor. Students will be asked to be the assigned Radio DJ for the block they are in class.
Activities: Varies based on student's interests with television, radio and On-Air work.
Out-of-Class Time Required: One to three hours per week.
Evaluation: On-Air work and quality of projects

English

GUIDELINES

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

9TH GRADE ENGLISH

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

CHOICE 1: English 9 (year course) **CHOICE 2:** English 9 Honors (year course)

10TH GRADE ENGLISH

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

CHOICE 1: English 10 (year course) **CHOICE 2:** AP Seminar: English (year course)

11TH GRADE ENGLISH

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

CHOICE 1: AP Language & Composition (year course, admittance by recommendation)
CHOICE 2: IB Language 1A: Literature HL (year course)
CHOICE 3: Advanced Composition (1st semester)
and World Literature 1, World Literature 2, or Advanced Speech
CHOICE 4: English 11 (year course)
CHOICE 5: English 11 (1st semester)
and Advanced Composition or Advanced Speech (2nd semester)

12TH GRADE ENGLISH

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

CHOICE 1: AP Literature & Composition (year course, admittance by recommendation)
CHOICE 2: IB Language 2A: Literature HL (year course)
CHOICE 3: Two semester courses, choose as follows:
•Advanced Composition (1st semester) and World Literature 1,
World Literature 2, Advanced Speech or Critical Thinking and Argumentation
•English 12 (1st semester) and Film Literature, or Advanced Speech

With instructors' permission, seniors may take these semester courses as electives if space is available:
Yearbook, Newspaper, Film Literature.

ENGLISH 9 (9)

IDOE #1002 (ENG 9) **E1002**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
For students who function best in a curriculum of average difficulty.
Prerequisite: Placement by middle school teachers and counselor.
Content: Each section will include literature, composition, vocabulary, speaking, and grammar focusing on college prep.
Activities: Students will read fiction and non-fiction materials, develop research and study skills, further their mastery of grammar, and demonstrate proficiency through tests, quizzes, expository writing, discussions and speeches.
Out-of-Class Time Required: The students will spend between two to six hours per week on homework depending on the level at which they are working and the demands of the particular unit.
Evaluation: Quizzes, tests, and required writing assignments 4/5; final exam 1/5.

ENGLISH 9 HONORS (9)

IDOE #1002 (ENG 9 HON) **E1002H**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
For students who have been identified as able to handle advanced work.
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, and discussions.
Out-of-Class Time Required: The students will spend between two to six hours per week on homework depending on the level at which they are working and the demands of the particular unit.
Evaluation: Quizzes, tests, required writing assignments and speeches 4/5; final exam 1/5.

English Course Progression Chart

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English 9	English 10	English 11	AP Literature & Composition
English 9 Honors	AP Seminar: English	AP Language & Composition	IB English HL (2nd Year)
	**Advanced Speech (DC)	IB English HL (1st Year)	Advanced Composition (DC)
		Advanced Composition (DC)	World Literature 1 (DC)
		World Literature 1 (DC)	World Literature 2 (DC)
		World Literature 2 (DC)	English 12
		Advanced Speech (DC)	Film Literature
			Critical Thinking & Argumentation (DC)
			Advanced Speech (DC)

Advanced Composition (ENG 111) is the prerequisite for all other Dual Credit English courses.
with the exception of Advanced Speech (Comm 101)

All AP, IB, and Dual Credit courses are weighted

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

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.

FULL YEAR COURSE **SEMESTER COURSE**

ENGLISH 10 (10)

IDOE #1004 (ENG 10) **E1004**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
For students who function best in a curriculum of average difficulty.
Prerequisite: English 9 and teacher recommendation.
Content: Extended study of the short-story; examination/application of literary terms; the reading of major works; reading skill development; introduction to poetry analysis; extended work on the expository paragraph; public speaking; media study; continued work in grammar and vocabulary.
Activities: In-class and out-of-class readings; project constructions; compositions; speech work; genre/literature analysis and discussions; library research; vocabulary, reading and grammar drill work; quizzes, and tests.
Out-of-Class Time Required: An average of two to five hours per week.
Evaluation: Course grade is determined by a 60% summative and 40% formative evaluation

ADVANCED PLACEMENT **SEMINAR: ENGLISH** (10)

IDOE #1104 (SEM ENG AP) **E1104H**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: Teacher Recommendation
Content: AP Seminar: English is designed as a seminar-style English course focusing on foundational writing, collaboration, research, and presentation skills. Through an inquiry-based approach, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. The course integrates with local English standards, allowing for flexibility in instruction. Students learn to synthesize information from multiple sources, express their own perspectives through written essays, and deliver oral and visual presentations individually or as part of a team. Assessment in the course includes two through-course performance tasks and an end-of-course exam, with the final AP score being calculated on a 1-5 scale. A student may take this course for English credit or course 0552 for elective credit, but they may not take both. The same AP exam is used with this course and course 0552.
Activities: Essay writing, writing prompts, projects, presentations, small-group inquiry, and research.
Out-of-Class Time Required: One to two hours per week. There is a rigorous reading requirement for this course outside of class.
Evaluation: Students are evaluated with two through-course performance tasks and one end-of-course exam. All three assessments are sum-

mative and will be used to calculate a final AP score, using the 1-5 scale for the AP Seminar. Projects and presentations-20%; individual research-based essay and presentation-35%; end-of-course exam-45%

ENGLISH 11

11

IDOE #1006 (ENG 11) **E1006**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

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

Prerequisite: English 10 or teacher placement.

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

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

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

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

ADVANCED PLACEMENT **ENGLISH LANGUAGE AND COMPOSITION**

11

IDOE #1056 (AP LNG COMP) **E1056**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

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

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

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

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

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

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

IB LANGUAGE 1A: LITERATURE - HIGHER LEVEL

11

IDOE #1130 (IB ENG 1 HL) **E11301**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

See pages 32-35 for description.

ADVANCED COMPOSITION

11 12

IDOE #1098 (ADV COMP) **E1098**

Semester/1.0 Credit (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Teacher Recommendation. Students enrolled in English Advanced Composition are to choose either World Literature, or Critical Thinking and Argumentation for their second semester requirement.

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 non-fiction as a background for writing.

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

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

ENGLISH 12

12

IDOE #1008 (ENG 12) **E1008**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: English 11

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

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

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

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

ADVANCED PLACEMENT **ENGLISH LITERATURE AND COMPOSITION** 12

IDOE #1058 (AP LIT COMP) **E1058**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Prerequisite: Completion of English 11 AP and teacher recommendation.
All students enrolled in Advanced Placement MUST take the Advanced Placement Exam given in May. Students must complete BOTH semesters of this class and take the AP test in May in order to receive the AP designation on their transcripts. Midterm graduates are NOT eligible for this class. To remain in this class, a students must maintain a grade of C or higher.
Content: Survey of world literature emphasizing analysis of major works, study of author's philosophy, literary movements and style; numerous essays and assignments; grammar review; miscellaneous material as needed for advanced English students.
Activities: Essay quizzes; in-class and out-of-class essays; speeches; independent reading; class discussions; lectures; exams (both objective and essay.)
Out-of-Class Time Required: One to two hours per week.
Evaluation: Objective activities graded on a 90-A, 80-B, 70-C, 60-D scale; subjective activities (essays, etc.) graded on a rubric pre-determined for many activities.

ADVANCED SPEECH AND COMMUNICATION 10 11 12

IDOE #1078 (ADV SPEECH) **E1078**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit (A grade of a C or higher must be achieved to receive Dual Credit).
NOTE: Advanced Speech DC taken during Sophomore year will be counted as an Elective Course.
Prerequisite: Teacher recommendation
Content: Advanced Speech and Communication, a course based on the Indiana Academic Standards for English/Language Arts and emphasizing the High School Speech and Communication Standards, is the study and application of skills in listening, oral interpretation, media communications, research methods, and oral debate. Students deliver speeches to demonstrate, to introduce, and to persuade through the use of practiced delivery with notes.
Activities: Studying rhetoric and speech examples, writing speeches, delivering speeches individually and in group forums.
Out-of-Class Time Required: One to three hours per week.
Evaluation: Rubric-based evaluations/assessments on the written content as well as spoken; journals, quizzes, critiques, and peer reviews.

WORLD LITERATURE 1 11 12

IDOE #1052 (WORLD LIT I) **E10521**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit (A grade of a C or higher must be achieved to receive Dual Credit).
Prerequisite: Advanced Composition
Content: World Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of ancient to medieval representative works by major authors from six continents: Africa, Asia, Australia, Europe, North America, and South America. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the countries represented by the authors.
Activities: Students will engage with a variety of texts from a variety of cultures and settings in multiple modalities.
Out-of-Class Time Required: One to three hours per week.
Evaluation: Written responses, projects, oral presentations, quizzes, and tests.

WORLD LITERATURE 2 11 12

IDOE #1052 (WORLD LIT II) **E10522**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit (A grade of a C or higher must be achieved to receive Dual Credit).
Prerequisite: Advanced Composition
Content: World Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of Renaissance to Contemporary works by major authors from six continents: Africa, Asia, Australia, Europe, North America, and South America. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the countries represented by the authors.
Activities: Students will engage with a variety of texts from a variety of cultures and settings in multiple modalities.
Out-of-Class Time Required: One to three hours per week.
Evaluation: Written responses, projects, oral presentations, quizzes, and tests.

FILM LITERATURE 12

IDOE #1034 (FILM LIT) **E1034**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: English 9, English 10, and English 11
Content: Film Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of how literature is adapted for film or media and includes role playing as film directors for selected screen scenes. Students read about the history of film, the reflection or influ-

ence of film on the culture, and issues of interpretation, production and adaptation. Students examine the visual interpretation of literary techniques and auditory language in film and the limitations or special capacities of film versus text to present a literary work.
Activities: Discussing various elements of writing styles; writing of different types of material emphasizing the stylistic elements; keeping a journal of personal writing.
Out-of-Class Time Required: One to two hours per week.
Evaluation: Tests, quizzes, and general assignments - 25%; student writing-25%; class participation-25% and portfolio/journal-25%.

CRITICAL THINKING AND ARGUMENTATION (12)

IDOE #1074 (CRIT THINK) **E1074**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit (A grade of a C or higher must be achieved to receive Dual Credit).
Prerequisite: Advanced Composition
Content: Critical Thinking and Argumentation, a course based on the Indiana Academic Standards for English/Language Arts, is a study of deductive and inductive logic, including logical fallacies, and should challenge students to think critically, analytically, and philosophically. Students learn to formulate thoughtful inquiry questions, connect ideas or concepts, challenge ideas and concepts, and rephrase ideas when appropriate. Active class participation is essential, including persistent questioning, rational discussion, and reasoned argumentation. Students make comments that reflect the development of logic (a line of reasoning), represent a clear point of view, and involve evidence of support (data, examples, anecdotes, documents, information from a variety of sources). Students use the same Standard English conventions for oral speech that they use in their writing.
Activities: Group work, lecture and discussion, article study and analysis, and projects.
Out-of-Class Time Required: Two to six hours a week depending upon the current topic and project.
Evaluation: Tests, quizzes, critical essays, collaborative projects, and presentations.

IB LANGUAGE 2A: LITERATURE - HIGHER LEVEL (12)

IDOE #1130 (IB ENG 2 HL) **E11302**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

English Electives

General elective courses listed below may be taken by students in grades 9 through 12; however, these courses cannot be used as substitutes for any of the required courses. Courses may be repeated for credit with department chairperson permission:
Debate, Dramatic Literature (Competitive Speech), Student Media (Newspaper), Student Media (Yearbook)

DEBATE (9) (10) (11) (12)

IDOE #1070 (DEBATE) **E1070**
Year/2.0 Credits
This course may be repeated for credit.
Content: Using the art of argumentation, students will gain an understanding of life and the world by exploring issues in history, philosophy, literature, jurisprudence, ethics, and other aspects of the arts and the social sciences. Students will encounter all types of speaking skills with specific emphasis on logical thinking, analysis, research, statistics, persuasion, and argumentation. The student will be a member of the state and nationally recognized Speech and Debate Team. Particular team events will be worked on including Two-Man Debate, Lincoln-Douglas Debate, Public Forum, and Congress.
Out-of-Class Time Required: Two to four hours per week, plus attendance at activities after school and on Saturdays.
Evaluation: Students will be individually evaluated on progress and work time as well as on performances in practice and at tournaments.

DRAMATIC LITERATURE (9) (10) (11) (12)

IDOE #1028 (DRAMA LIT) **E1028**
Year/2.0 Credits
This course may be repeated for credit.
Content: Students work independently on developing presentation skills for competitive speech events. There are 14 individual events ranging from public address through oral interpretation. Students learn how to write speeches and make cuttings from literature, while reinforcing skills in research, literary analysis, rhetoric and persuasion.
Out-of-Class Time Required: Students will need to work on their own or with coaches about two to four hours per week. In addition, students are required to attend speech competitions which are generally held on Saturdays (8-10 tournaments per year).
Evaluation: Students are individually evaluated on class activities (quizzes, projects, performance), performance portfolios, and their attendance at tournaments.

ENGLISH AS A NEW LANGUAGE (9) (10) (11) (12)

IDOE #1012 (ENL) **E10121 (9) / E10122 (10) / E10123 (11) / E10124 (12)**
Year/2.0 Credits
Prerequisite: ELL Teacher of Record Recommendation
Content: Students will read short stories, poems, articles, content area texts and a novel. Students will analyze and evaluate the literary elements while showing evidence from the texts. Students will build vocabulary, analyze the meaning of words, identify patterns of word changes, and interpret

figures of speech. Students will write argumentative, informative, and narrative compositions. Students will continue to develop the conventions of Standard English in context. Students will discuss, collaborate and present about the various readings and compositions.
Evaluation: Compositions and presentations will be graded according to the WIDA rubrics. Students will need to show growth.

STUDENT MEDIA - NEWSPAPER

9 10 11 12

IDOE #1086 (STDNT MEDIA N) **E1086N**
Year/2.0 Credits
Prerequisite: In addition to a recommendation from a student's English teacher, a student must have consistently achieved a C- or higher in all previous English classes.
Content: Class publishes the Sandscript. Students write news, commentary, sports, and feature stories, and take pictures covering school and school-related subjects. Students with experience advance to editorial positions on basis of previous work and ability. May be repeated for general elective credit.
Activities: Participation on a beat to gather information, to interview persons, to write news, commentary, sports, and feature articles, to take relevant photographs, to create layouts and graphics, and to sell and create ads for publication in the Sandscript.
Out-of-Class Time Required: Maximum of five hours per week; weekly staff meeting; more time during deadlines; some in-school time may be required during the school year and summer. Time is needed in and/or out-of-class to sell advertisements. Optional summer seminars at Indiana University available to outstanding instructor-selected staff members.
Evaluation: Basis of accuracy, thoroughness and completion of assignments on time.

STUDENT MEDIA - YEARBOOK

9 10 11 12

IDOE #1086 (STDNT MEDIA Y) **E1086Y**
Year/2.0 Credits
This course may be repeated for credit.
Prerequisite: In addition to a recommendation from a student's English teacher, a student must have consistently achieved a C- or higher in all previous English classes.
Content: Class publishes Singing Sands yearbook. Includes organizing the yearbook; assigning, taking and designing pictures; making up pages; writing copy, stories, headlines and captions; cropping and managing pictures; and selling advertisements. Course may be repeated for general elective credit.
Activities: Work on content, take pictures, analyzing journalistic publications for layout ideas and working with others, both in and out of school, to gather information and material that is essential for creating the yearbook. Manage full coverage of school events.
Out-of-Class Time Required: Time based on effort, number of events to cover, and overall coverage time needed. Some in school time may be required during the school year and early summer.
Evaluation: Basis of accuracy, thoroughness and completion of assignments on time.

Family & Consumer Sciences

FACS Career Pathways CTE Concentrators

	9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
CULINARY GRADUATION PATHWAY	Principles of Culinary & Hospitality	Nutrition (DC)	Culinary Arts	Culinary Capstone *(Internship)* **OR** Pastry Capstone *(Internship)*
EARLY CHILDHOOD GRADUATION PATHWAY	Principles of Early Childhood Education	Early Childhood Education Curriculum	Early Childhood Education Guidance	Early Childhood Education Capstone *(Cadet Teaching)*
EDUCATION CAREERS GRADUATION PATHWAY	11TH/12TH GRADE Principles of Teaching *(Cadet Teaching)*	11TH/12TH GRADE Child & Adolescent Development *(Cadet Teaching)*	11TH/12TH GRADE Teaching & Learning *(Cadet Teaching)*	11TH/12TH GRADE Education Professions Capstone *(Cadet Teaching)*
HUMAN SERVICES GRADUATION PATHWAY	Principles of Human Services	Fundamentals of Human Services	Community Health Worker	Human Services Capstone *(Internship)*
INTERIOR DESIGN GRADUATION PATHWAY	Principles of Interior Design	Interior Design Fundamentals	Materials, Finishes, & Design	Interior Design Capstone *(Internship)*

PRINCIPLES OF CULINARY AND HOSPITALITY

9 10 11 12

IDOE #7173 (PRIN HOSP) **F7173**

Year/2.0 Credits

This course can be taken for Dual Credit.

Content: Principles of Culinary and Hospitality is recommended for all students pursuing a graduation pathway in Culinary Arts - including Hospitality, Tourism and Culinary Arts. Topics include basic culinary skills in the food service industry, safety and sanitation, nutrition, customer relations and career investigation. Students participate in laboratory experiences (cooking labs) that emphasize industry practices and develop basic skills are required components of this course. Students are expected to take and pass the ServSafe test.

Activities: Cooking labs, ServSafe test preparation, projects

Out-of-Class Time Required: Varies

Evaluation: Labs, projects, tests

NUTRITION

10 11 12

IDOE #7171 (NUTR) **F7171**

Year/2.0 Credits

This course can be taken for Dual Credit.

Prerequisite: Principles of Culinary and Hospitality

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

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

Out-of-Class Time Required: Varies

Evaluation: Tests, quizzes, labs, projects

CULINARY ARTS

11 12

IDOE #7169 (CUL ARTS) **F7169**
Year/2.0 Credits
Prerequisite: Principles of Culinary and Hospitality
Content: Culinary Arts teaches students how to prepare stocks, sauces and various soups. Students will build upon classical cooking methods learned in previous courses. This course will also present the fundamentals of baking science. Students will bake yeast goods, pies, cakes, cookies, and quick breads.
Activities: Labs (cooking), hands-on activities and projects
Out-of-Class Time Required: Varies
Evaluation: Tests, quizzes, labs, projects

PRINCIPLES OF INTERIOR DESIGN

9 10 11 12

IDOE #7132 (PRIN INT DES) **F7132**
Year/2.0 Credits
Content: Students will learn the introductory skills needed to work in the field of Interior Design. Students will learn color and design theory and apply them to a variety of experiences and projects. Students will also learn how these concepts impact the people that use the designed space. There are many hands-on projects in this course.
Activities: Hands-on projects, creating designs for spaces
Out-of-Class Time Required: Varies
Evaluation: Tests, quizzes, labs, projects

INTERIOR DESIGN FUNDAMENTALS

10 11 12

IDOE #7127 (INT DES FUN) **F7127**
Year/2.0 Credits
Prerequisite: Principles of Interior Design
Content: Students will learn about construction, space planning, construction and how those impact the person using the space. Knowledge of construction/building codes and practices. Students will practice hand drawn renderings related to construction and client presentations. Students will also learn about furniture materials and finishes. There are many hands-on projects in this course.
Activities: Space planning, hands-on projects
Out-of-Class Time Required: Varies
Evaluation: Tests, quizzes, projects

MATERIALS, FINISHES, AND DESIGN

10 11 12

IDOE #7128 (MAT FIN DES) **F7128**
Year/2.0 Credits
Prerequisite: Principles of Interior Design
Content: Students will learn and apply knowledge of textiles, furniture and finishes to textile/furniture fabrications. Students will refinish a furniture piece as a group. Students will also learn about calculating Materials, Finishes, and Design elements including window treatments, floor finishes and wall coverings. There are many hands-on projects in this course.
Activities: Labs, refinishing furniture, hands-on projects
Out-of-Class Time Required: Varies
Evaluation: Tests, quizzes, labs, projects

PRINCIPLES OF EARLY CHILDHOOD EDUCATION

9 10 11 12

IDOE #7160 (PRIN EAR CH ED) **F7160**
Year/2.0 Credits
This course can be taken for Dual Credit.
Content: This course provides an introduction to the foundations of early childhood. This course examines basic principles of child development, Developmentally Appropriate Practices (DAP), exposure to early childhood programs and services, curriculum, and an emphasis on the learning environment. Additionally, students will gain knowledge of licensing and skills needed to successfully obtain a certificate. Students may be required to complete observations and field experiences with children as part of this course.
Activities: Working with children, hands-on projects, developing lesson activities
Out-of-Class Time Required: Varies
Evaluation: Projects, observations, tests

EARLY CHILDHOOD EDUCATION CURRICULUM

10 11 12

IDOE #7158 (EAR CHD ED CUR) **F7158**

Year/2.0 Credits

This course can be taken for Dual Credit.

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

Content: Early Childhood Education Curriculum examines developmentally appropriate environments and activities in early childhood settings while exploring the varying developmental levels and cultural backgrounds of children. Additionally, students will engage in preparing and implementing developmentally appropriate lessons in an early childhood setting. Students may be required to complete observations and field experiences with children as related to this course.

Activities: Working with children, hands-on projects, creating lesson plans

Out-of-Class Time Required: Varies

Evaluation: Portfolio, observations, projects, test

EARLY CHILDHOOD EDUCATION GUIDANCE

10 11 12

IDOE #7159 (EAR CHD ED GD) **F7159**

Year/2.0 Credits

This course can be taken for Dual Credit.

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

Content: This course allows students to analyze developmentally appropriate guidance, theory and implementation in early care and education settings. It also provides a basic understanding of the anti-bias/multicultural emphasis in the field of early childhood. Students may be required to complete observations and field experiences with children as part of this course.

Activities: Working with children, hands-on projects, lesson creation

Out-of-Class Time Required: Varies

Evaluation: Projects, observation, portfolio, test

PRINCIPLES OF TEACHING

11 12

IDOE #7161 (PRIN TEACH) **F7161**

Year/4.0 Credits - 1 block per day

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

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

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

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

Out-of-Class Time Required: Varies

Evaluation: Supervising teacher, teacher portfolio, observations

CHILD AND ADOLESCENT DEVELOPMENT

11 12

IDOE #7157 (CHLD ADL DEV) **F7157**

Year/2.0 Credits

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

Prerequisite: **Must have own transportation.**

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

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

Out-of-Class Time Required: Varies

Evaluation: Supervising teacher, teacher portfolio, observations

TEACHING AND LEARNING [CADET TEACHING]

12

IDOE #7162 (TEACH LRN) **F7162**

Year/2.0 Credits

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

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

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

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

Out-of-Class Time Required: Varies

Evaluation: Supervising teacher, observations, in-class assignments

EDUCATION PROFESSIONS CAPSTONE [CADET TEACHING] 12

IDOE #7267 (ED PROF CAP) **F7267**
Year/2.0 Credits
This is a companion course with Teching and Learning. Both classes must be taken together.
Prerequisite: Principles of Teaching and Child and Adolescent Development. **Must have own transportation.**
Content: The Education Profession Capstone providees an extended opportunity for field experience to purther apply concepts that have been presented throughout the pathway. Students will also have the opportunity to explore the topic of exceptional child and literacy development through children's literature. Students will gain a deeper understanding of inclusive teaching techniques along with policies, theories, and laws related to special education.
Activities: Working with school aged children at assigned school and applying knowledge at school placement
Out-of-Class Time Required: Varies
Evaluation: Supervising teacher, observations, in-class assignments

PRINCIPLES OF HUMAN SERVICES 9 10 11 12

IDOE #7176 (PRIN HUM SERV) **F7176**
Year/2.0 Credits
Content: This course will help students interested in human and community services and other helping careers. There will be lots of real-world experiences and hands-on activities.
Activities: Projects with other students as well as community partners, service projects, student led activities.
Out of Class Time Required: Varies depending on project. There may be times that service project is done outside of class time.
Evaluation: Assignments and class projects - 2/5; tests and quizzes - 1/5; professional project - 1/5; final exam - 1/5

FUNDAMENTALS OF HUMAN SERVICES 10 11 12

IDOE #7276 (FUN HUMS) **F7276**
Year/2.0 Credits
Prerequisite: Principles of Human Services
Content: Topics of discussion include personal values, helping relationships, the impact of diversity, theories of helping, communication, problem-solving processes, crisis situations, abuse, and professional ethics. This course also provides training for identifying characteristics of a crisis and basic crisis intervention skills. Students will evaluate their own personal strengths and limitations and discuss the importance of professional development for the human services social worker.
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

COMMUNITY HEALTH WORKER 11 12

IDOE #7278 (COM HLTH WK) **F7278**
Year/2.0 Credits
Prerequisite: Principles of Human Services and Fundamentals of Human Services
Content: Community Health Worker provides students with the opportunity to increase their effectiveness in helping people. Students will examine the helping process in terms of skill, helping stages, and issues involved in a helping relationship. Additionally, background knowledge of the field of intellectual and developmental disabilities and issues pertaining to the field will be provided.
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

Industrial Technology

Industrial Technology Career Pathways CTE Concentrators

CONSTRUCTION TRADES GRADUATION PATHWAY

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Principles of Construction Trades	General Carpentry	Framing & Finishing	Construction Trades

ENGINEERING (PLTW) GRADUATION PATHWAY

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Introduction to Engineering Design	Principles of Engineering	Civil Engineering and Architecture	Engineering Design & Development

PRECISION MACHINING GRADUATION PATHWAY

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Principles of Precision Machining	Precision Machining Fundamentals	Advanced Precision Machining	Precision Machining

INTRODUCTION TO ENGINEERING DESIGN

9 10 11 12

IDOE #4802 (INT ENG DES) **I4802**

Year/2.0 Credits

This course can be taken for Dual Credit.

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

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

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

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

PRINCIPLES OF ENGINEERING

10 11 12

IDOE #5644 (PRNC ENG) **I5644**

Year/2.0 Credits

This course can be taken for Dual Credit.

Prerequisite: Introduction to Engineering Design

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

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

Out of Class Time Required: Varies

Evaluation: Assessments, classwork and student created projects.

CIVIL ENGINEERING AND ARCHITECTURE

11 12

IDOE #5650 (CIVIL ENG) **I5650**

Year/2.0 Credits

This course can be taken for Dual Credit.

Prerequisite: Introduction to Engineering Design and Principles of Engineering

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

Activities: Surveying, Residential Floor Plans, Elevations and Renderings, Electrical/Mechanical Drawings, House Design Prototypes, Commercial Structures, and Topographical Mapping.
Out-of-Class Time Required: One to three hours per week.
Evaluation: Students are evaluated through assessments, classwork, and the projects they create.

ENGINEERING DESIGN AND DEVELOPMENT (12)

IDOE #5698 (ENG DES DEV) **I5698**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Principles of Engineering and Civil Engineering and Architecture **OR** PLTW: Human Body Systems and PLTW: Medical Interventions
Content: Students engage in an open-ended research experience in the PLTW Capstone course, a culminating program for those completing PLTW's high school offerings. They collaborate in teams, designing and developing original solutions to well-defined and justified real-world problems.
Activities: Hands-on projects
Out-of-Class Time Required: None
Evaluation: Students are evaluated through assessments, classwork and projects

PRINCIPLES OF PRECISION MACHINING (9) (10) (11) (12)

IDOE #7109 (PRIN PREC MACH) **I7109**
Year/2.0 Credits
This course can be taken for Dual Credit.
Content: Principles of Precision Machining will instruct students in shop safety, industrial terminology, tools and machine tooling, measurement, and layout. Includes laboratory exercises to begin project completion of turning, milling, and grinding applications. This course incorporates certification assessment for the National Institute of Metalworking Skills Measurement, Materials and Safety, Job Planning, Benchwork, and Layout Certification. Applies mathematics in solving engineering and design related problems in the areas of die design, fabrication, assembly, special machinery, die casting and molds. Emphasizes geometric dimensioning and applying tolerances.
Activities: Operation of: vertical mills, edge finders, end mills, center drills, drill bits, countersinks, taps, reamers, DROs (digital read outs), precision measurement devices, and develop process plans.
Out-of-Class Time Required: Varies
Evaluation: Assessments, classwork, and the projects

PRECISION MACHINING FUNDAMENTALS (10) (11) (12)

IDOE #7105 (MACH FUN) **I7105**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Precision Machining
Content: Machining Fundamentals instructs students in shop safety, industrial terminology, and provides laboratory experience toward project completion on the conventional lathe, vertical and/or horizontal milling machine, and abrasive processing machines, including super abrasive technology processes. This course incorporates certification assessment for the National Institute of Metalworking Skills Manual Milling Certification.
Activities: Projects, group work, advanced concepts of welding
Out-of-Class Time Required: None

ADVANCED PRECISION MACHINING (10) (11) (12)

IDOE #7107 (ADV PREC MACH) **I7107**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Precision Machining and Precision Machining Fundamentals
Content: Advanced Precision Machining will build upon the Turning and Milling processes learned in Precision Machining Fundamentals and will build a foundation in abrasive process machines. Students will be instructed in the classroom on topics of shop safety, theory, industrial terminology, and calculations associated with abrasives. Lab work will consist of the setup and operation of bench grinders and surface grinders. Additionally students will be introduced to Computerized Numeric Controlled (CNC) setup, operations and programming. This course prepares the student for the optional National Institute for Metalworking Skills (NIMS) Grinding I certification that may be required for college dual credit.
Activities: Projects, group work
Out-of-Class Time Required: None
Evaluation: Assessments, classwork, and projects

PRINCIPLES OF CONSTRUCTION TRADES (9) (10) (11) (12)

IDOE #7130 (PRIN CON TR) **I7130**
Year/2.0 Credits
Content: Principles of Construction Trades covers the NCCER Core Curriculum and is a prerequisite to most other construction courses. Its modules cover topics such as basic safety, communication skills, and introduction to construction drawings; all basic skills needed to continue education in the construction program.
Semester 1: This course will offer hands-on activities and real-world experiences related to the skills essential in residential, commercial and civil building construction. The student will learn and apply knowledge of the care and safe use of hand and power tools as related to each trade. In addition, students are introduced to blueprint reading, applied math, basic tools and equipment, and safety. Students will learn how architectural ideas are converted into projects and how projects are managed during a construction project in this course.
Semester 2: Students will study construction technology topics such as preparing a site, doing earthwork, setting footings and foundations, building

the superstructure, enclosing the structure, installing systems, finishing the structure, and completing the site. Students will also investigate topics related to the purchasing and maintenance of structures, special purpose facilities, green construction and construction careers.
Out-of-Class Time Required: Varies
Evaluation: Assessments, classwork, and the projects

CONSTRUCTION TRADES: GENERAL CARPENTRY

10 11 12

IDOE #7123 (CON TRD GC) **I7123**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Construction Trades
Content: Construction Trades: General Carpentry covers the NCCER Carpentry Level 1. Its modules cover topics such as building materials, fasteners, adhesives, hand and power tools, introduction to construction drawings, specifications, layout, floor systems, wall systems, ceiling joist and roof framing, basic stair layout, and introduction to building envelope systems.
Activities: Projects, group work, advanced concepts of blueprint reading.
Out-of-Class Time Required: One to two hours per week.

CONSTRUCTION TRADES: FRAMING AND FINISHING

10 11 12

IDOE #7122 (CON TRD FR FIN) **I7122**
Year/2.0 Credits
This course can be taken for Dual Credit.
Prerequisite: Principles of Construction Trades
Content: Construction Trades: Framing and Finishing prepares students with advanced framing skills along with interior and exterior finishing techniques. Topics include roofing applications, thermal and moisture protection, exterior finishing, cold-formed steel framing, drywall installation and finishing, doors and door hardware, suspended ceilings, window, door, floor, and ceiling trim, and cabinet installation.
Activities: Projects and group work
Out-of-Class Time Required: None
Evaluation: Assessments, classwork, and projects

International Baccalaureate

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

DIPLOMA CANDIDATE REQUIREMENTS

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

Group 1: Language A: Language and Literature HL
Group 2: World Language B SL (all four languages offer IB)
Group 3: History HL, Philosophy SL
Group 4: Biology HL, Biology SL, and Environmental Systems & Societies SL
Group 5: Math Applications & Interpretations SL
Group 6: Art HL or SL, Film HL or SL (or any of the above courses not already selected),
Theory of Knowledge: 1 credit class for full IB diploma candidates who have selected a class from each of the 6 groups. This class is held during a portion of the SRT block.
CAS: 1 credit class for full IB diploma candidates who have selected a class from each of the 6 groups. This class is held during a portion of the SRT block and alternates with TOK during junior and senior year.

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

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

GROUP 1 - LANGUAGE AND LITERATURE

IB LANGUAGE 1A: LANGUAGE AND LITERATURE - HIGHER LEVEL (11)

IDOE #1130 (IB ENG 1 HL) **E11301**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisites: English 9 and English 10
IB English 1A is a two-year pre-university literature course designed to further develop reading comprehension and critical thinking skills. Students enter the program at the start of the junior year and continue to the completion of the senior year. This course examines four traditional literary genres: poetry, drama, critical essays, and the novel. Course completion will be measured through a variety of oral and written assessments that will be evaluated both internally and externally. Expectations for all class work are designed to be comparable to that of a university setting.

IB LANGUAGE 2A: LANGUAGE AND LITERATURE - HIGHER LEVEL (12)

IDOE #1130 (IB ENG 2 HL) **E11302**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Students are required to take the Course exams administered by the IB in May.
This is the second year of the IB Language 1A started in Grade 11. This course will continue to challenge students through in-depth analysis and interpretation of specific literary works. Emphasis will continue to be placed on developing analytical and independent thinking, writing, and speaking skills through the study of texts that reveal differing cultural viewpoints and underlying universal themes. The course is assessed through two written examination papers which make up 60% of the final grade. The HL essay makes up 20%. In addition, the student must complete one compulsory oral 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 ACQUISITION

IB WORLD LANGUAGE B - STANDARD LEVEL (12)

IDOE #2308 (IB FRN SL / IB GER SL / IB JPN SL / IB SPAN SL) **FRENCH (W230F4, W230F5) / GERMAN (W230G4, W230G5) / JAPANESE (W230J4, W230J5) / SPANISH (W230S4 / W230S5)**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Level 5 Languages count as a Certificate Course.
Students are required to take the Course exams administered by the IB in May.
Prerequisites: World Language – Grades 9, 10, 11
Content: IB World Language B – SL is a second-language course designed for students with a high level of ability in a target language. The one-year course gives candidates from a wide variety of backgrounds the opportunity to reach a high level of competency in a second language by hearing, speaking, reading and writing in the target language. At the same time, the opportunity is provided to appreciate the range of issues generated by the study of language and culture. Students perform oral and written assessments to demonstrate their understanding of the culture related to the target language; their ability to express themselves in the language with clarity, coherence, and fluency; and their ability to engage in close, detailed and critical examination of a wide range of texts. The student's work is assessed by IBO through completion of two written examination papers which constitute 75% of the final grade. One of the written papers (25% of the total) is a 250-400 word written task assessing productive

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

GROUP 3 - INDIVIDUALS & SOCIETIES

IB HISTORY 1 - HIGHER LEVEL (11)

IDOE #1590 (IB HIST 1 HL) **U15901**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
The first year of this two-year IB course meets the Indiana U.S. History requirement while also including comparative studies of both Canada and Latin America. Year one topics include the Civil War and Reconstruction, the Civil Rights Movement and the Cold War. The required IB internal assessment paper is a historical investigation written in this first-year course, moderated by the IBO, and constitutes 20% of the score awarded by the IB World Organization.

IB HISTORY 2 - HIGHER LEVEL (12)

IDOE #1590 (IB HIST 2 HL) **U15902**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Students are required to take the Course exams administered by the IB in May.
Prerequisites: IB History 1 - HL
This second year of the IB History course focuses on three subjects. Students will perform an in-depth study on the reigns of Ghengis Khan and Richard the Lionheart. The remaining portion of the class will cover two subjects. First, the course will study the 'societies in transition' by looking at the West African Slave trade (1400 - 1700) and the Spanish Inquisition (1500 - 1700). Then the class will study independence movements by looking at the rise/rule of Kenya's Jomo Kenyatta and Ireland's Eamon De Velera.
Activities: Assignments will consist of examinations, papers, discussions, and in class projects. Students are required to sit for the three exam papers necessary for the IB diploma.
Out-of-Class Time Required: One to three hours per week.

IB PHILOSOPHY - STANDARD LEVEL (11) (12)

IDOE #1602 (IB PHIL SL) **U1602**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Certificate Course
Students are required to take the Course exams administered by the IB in May.
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 cultual perspectives, 4) appreciate the diversity of approaches within philosophical thinking, and 5) apply their philosophical knowledge and skills to the world around them.

GROUP 4 - SCIENCES

IB BIOLOGY 1 - HIGHER LEVEL (11)

IDOE #3032 (IB BIO 1 HL) **C30321**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Prerequisites: Biology 1 and Chemistry 1
The first year of this two-year course will focus on biochemistry, cell biology, molecular genetics, inheritance, evolution, and ecology. Students will have opportunities to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. The investigations will be laboratory based and will make use of simulations and data bases. Students will develop the skills to work independently on their own design, but also collegiately, to mirror the way in which scientific research is conducted in the wider community. There is an emphasis on a practical approach, as well as, through the overarching theme of the "Nature of Science" these knowledge and skills will be put into the context of the way science and scientists work in the 21st Century and the debates and limitations of a creative scientific endeavor.

IB BIOLOGY 2 - HIGHER LEVEL (12)

IDOE #3032 (IB BIO 2 HL) **C30322**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Students are required to take the Course exams administered by the IB in May.
Prerequisites: IB Biology 1 HL
The second year of IB Biology HL will include concepts found in ecology, enzymes, metabolism, cell respiration, botany, photosynthesis, physiology and anatomy such as digestive, excretory, circulatory, respiratory, immune, nervous, muscular, skeletal, endocrine and reproductive systems. Students will use the skills developed in the first year of the course to independently set up, carry out and report on a scientific experiment and complete a comprehensive laboratory investigation. This work constitutes 20% of the final IB grade. This work is internally assessed by a CHS teacher and

externally moderated by the IB World Organization. Students will also collaborate with others to explore an interdisciplinary aspect of the sciences.

IB ENVIRONMENTAL SYSTEMS & SOCIETIES - STANDARD LEVEL

11 12

IDOE #3016 (IB ENVSS SL) **C3016**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Students are required to take the Course exams administered by the IB in May.
Prerequisites: Biology 1 and one other science course
This one-year IB course may be taken in Grade 11 or Grade 12. Environmental Systems and Societies (ESS) is an interdisciplinary course offered only at standard level (SL). This course can fulfill either the individuals and societies (Group 3) or the sciences (Group 4) requirements. Students will be provided with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. Students will practice and use the skills learned to independently set up, carry out and report on a research question and complete a comprehensive analysis. This work constitutes 25% of the final IB grade. This work is internally assessed by a CHS teacher and externally moderated by the IB World Organization. Students will also collaborate with others to explore an interdisciplinary aspect of the sciences.

GROUP 5 - MATHEMATICS

IB MATHEMATICS: APPLICATIONS & INTERPRETATIONS - STANDARD LEVEL

12

IDOE #2592 (IB MATH A&I SL) **M2592**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Students are required to take the Course exams administered by the IB in May.
Prerequisites: Algebra 2
The aim of Mathematics: Applications & Interpretations is to provide a course for students with varied backgrounds and abilities and to build confidence and encourage an appreciation of math in students who do not anticipate a need for theoretical math in college. The course concentrates on math that can be applied to real-world occurrences and everyday situations. Seven distinct areas of study include: Numbers and Algebra; Descriptive Statistics, Logic, Sets, and Probability; Statistical Applications; Geometry and Trigonometry; Mathematical Models; and Differential Calculus. Students entering this course should have a good understanding of algebra, geometry, and foundational trigonometry. This course is assessed through two end-of-course exams which comprise 80% of the final grade. Students must also complete a personal project. This project is an individual piece of work involving the collection of information and/or generation of measurements, and the analysis and evaluation of the information of measurements. This is 20% of the final grade and is assessed both internally by the teacher and externally by IBO.

GROUP 6 - THE ARTS

IB VISUAL ARTS - STANDARD LEVEL

11 12

IDOE #4092 (IB VIS ART SL) **A4092**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Certificate Course
Prerequisites: Art Classes in Grades 9 and 10—Drawing 1 & 2 highly recommended or any first level courses with an additional second level to develop more in-depth skills. Interested students must make written application to the art department by April 14—applications available during the IB Art Show. Summer studio and investigative work is required.
Content: This one year or two year concentrated, rigorous curriculum considers the world of art from an aesthetic, imaginative, and creative point of view, with special focus on how art unites us as citizens of the world. Students will use research, aesthetic principles and comparative criticism to explore art production, processes, media and art genres.
Activities: A Visual Journal (sketchbook) that includes drawings, plans for projects, as well as research/notations about art, artists, cultures, with reflections, and reviews will be required as the foundation for all formal artwork as well as serve as a record/documentation of all activities. Students are expected to visit museums, galleries and exhibits, and interview/observe artists at work.
Out-of-Class Time Required: Eight to ten hours per week.
Evaluation: Through their independent studio work, students will compile a portfolio of well-developed artwork for evaluation by IB examiners, which could result in college credit. Further evaluation and recognition will be displayed in a year-end art exhibit, organized and produced by all IB/ Advanced Art Senior portfolio students.

IB VISUAL ARTS - HIGHER LEVEL

11 12

IDOE #4090 (IB VIS ART 1 HL / IB VIS ART 2 HL) **A40901 (11) / A40902 (12)**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Certificate Course
Please see IB Visual Arts SL for course description.

IB FILM - STANDARD LEVEL

11 12

IDOE #4272 (IB FILM SL) **A4272**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Certificate Course
This one-year course may be taken in Grade 11 or Grade 12. The film syllabus consists of the following core areas: Reading film, contextualizing film, exploring film production roles, and collaboratively producing film. These core areas have been designed to fully connect with each of the four major IB assessment tasks: 1) The textual analysis requires students to study and write a detailed analysis of a five-minute film extract from a prescribed list. 2) For the comparative study, students carry out research into a chosen area of film focus, identifying and comparing two films from within that area and presenting their discoveries as a recorded multimedia comparative study. 3) Throughout the course of their studies, students will undertake a variety of filmmaking exercises in three film production roles, led by clearly defined filmmaker intentions. They acquire and develop practical skills and techniques through participation in film exercises, experiments and the creation of at least one completed film.

Students will create a film portfolio consisting of 3-9 portfolio pages and film reel documenting their activities.
Activities: Textbook and in-class assignments, presentations, the internal assessment project, and exams
Out-of-Class Time Required: One to two hours per week, depending on the assignments.
Evaluation: Daily assignments, presentations, exercises, and projects

IB FILM - HIGHER LEVEL

11 12

IDOE #4270 (IB FILM HL YR 1 / IB FILM HL YR 2) **A42701 (11) / A42702 (12)**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Certificate Course
This two-year course must be taken in Grades 11 and 12. The film syllabus consists of the following core areas: Reading film, contextualizing film, exploring film production roles, and collaboratively producing film. These core areas have been designed to fully connect with each of the four major IB assessment tasks: 1) The textual analysis requires students to study and write a detailed analysis of a five-minute film extract from a prescribed list. 2) For the comparative study, students carry out research into a chosen area of film focus, identifying and comparing two films from within that area and presenting their discoveries as a recorded multimedia comparative study. 3) Throughout the course of their studies, students will undertake a variety of filmmaking exercises in three film production roles, led by clearly defined filmmaker intentions. They acquire and develop practical skills and techniques through participation in film exercises, experiments and the creation of at least one completed film. Students will create a film portfolio consisting of 3-9 portfolio pages and film reel documenting their activities. 4) Bringing together all they have encountered during the film course, students at HL work collaboratively in a core production team to plan and create an original completed film and project report.
Activities: Textbook and in-class assignments, presentations, the internal assessment project, and exams
Out-of-Class Time Required: One to two hours per week, depending on the assignments.
Evaluation: Daily assignments, presentations, exercises, and projects

THEORY OF KNOWLEDGE

IB THEORY OF KNOWLEDGE

11

IDOE #0560 (IB TOK 11) **Y05601**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
All IB Diploma Program candidates will be enrolled in this required two semester course. Theory of Knowledge is a thoughtful exploration into universal truth. This course requires collaboration and scholarly thinking. Students will explore two questions: what is knowledge, and how do we know what we know? This exploration will center on the "Areas of Knowledge" which include: History, Mathematics, Natural Science, Human Science, and Art. Through the examination of these areas of knowledge, students will determine if a given assertion is true, or a given judgment is sound. Juniors will reflect on knowledge from an international, interdisciplinary perspective, using discussion, journals, presentations, and reflections to share their ideas with their classmates and instructor. This is also when the Extended Essay is introduced.

IB THEORY OF KNOWLEDGE

12

IDOE #0560 (IB TOK 12) **Y05602**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This second semester of Theory of Knowledge completes the IB course. Seniors will continue their study from an international, interdisciplinary perspective. Seniors will complete two formal assessments: a 1200-1600 word essay written on one of several prescribed prompts from IB which are new each year, and also an exhibition which showcases three artifacts that display how TOK ideas manifest in the real world. There will also be official meetings and reflections during this semester. The essay is sent to be graded externally, and the exhibition is graded internally. The official TOK grade comes from these two assessments. The Extended Essay will also be completed during this semester. The official TOK and EE grade determine how many bonus points students will receive towards their IB diploma.

Additional IB Components

(THESE ARE NOT ADDITIONAL CLASSES)

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

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

CERTIFICATE ONLY COURSES

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

IB Film - SL
IB Film - HL
IB French - SL
IB German 5 - SL
IB Japanese 5 - SL
IB Philosophy - SL
IB Spanish 5 - SL
IB Visual Arts - HL
IB Visual Arts - SL

Mathematics

GUIDELINES

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

•All students are required to have six to eight credits in mathematics for graduation. Students must have a Quantitative Reasoning class during their Senior year.

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

•Students who fail the fall semester of a year course will repeat the course through Edmentum in a Credit Recovery class. Students who fail the spring semester of any year course are encouraged to take the failed semester in summer school.

•A student desiring to enroll in a class for which he/she has not met the prerequisite must have special permission from the Department Chairperson before enrolling.

•Students enrolled in an Algebra I Honors class their freshman year and who intend to enroll in Calculus during their senior year should enroll in Geometry Honors and College Algebra GT during their sophomore year. Teacher recommendation is required as well as approval of the department head.

•Students must satisfy the Core 40 Requirements which are to pass Algebra 1, Geometry, and either Algebra 2 or College Algebra to be considered for enrollment in a four-year college in Indiana.

Mathematics Course Progression Chart

9TH GRADE	10TH GRADE	11TH GRADE		12TH GRADE	
Algebra 1	Geometry	Algebra 2	Finite (DC)	Quantitative Reasoning (DC)	Finite (DC)
Algebra 1 Honors	Geometry Honors	Analytical Algebra 2	Finite Honors (DC)	AP Statistics	Finite Honors (DC)
Algebra 1 Intensive	Algebra 2	College Algebra Honors (DC)	Pre-Calculus: Algebra (DC)	AP Calculus AB	Pre-Calculus: Algebra (DC)
Geometry	College Algebra Honors (DC)	College Algebra GT (DC)	Pre-Calculus: Trigonometry (DC)	AP Calculus BC	Pre-Calculus: Trigonometry (DC)
Geometry Honors	College Algebra GT (DC)	AP Statistics	Pre-Calculus: Trigonometry Honors (DC)	IB Mathematics A&I SL	Pre-Calculus: Trigonometry Honors (DC)
		AP Calculus AB			Brief Calculus (DC)

AP Stats taken Junior Year is not a prerequisite for any class. It is generally taken in conjunction with one of the other choices for junior year math that has a pathway to other classes.

FULL YEAR COURSE **SEMESTER COURSE**

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.

ALGEBRA 1

9 10 11 12

IDOE #2520 (ALG I) **M2520**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

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

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

Activities: Lectures and discussion of assigned materials.

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

Evaluation: Performance on tests, assignments, and quizzes.

ALGEBRA 1 HONORS

9 10 11 12

IDOE #2520 (ALG I HON) **M2520H**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

Prerequisite: Final placement in the course is to be determined by the high school based on available information. Students cannot waiver into this class.

Content: Basic operations on algebraic expressions containing variables, solving equations and inequalities, solving absolute value equations and inequalities, solving compound inequalities, solving literal equations, graphing in the coordinate plane including linear and quadratics, solving and graphing systems in two and three variables, operations with rational expressions, and properties of radicals. Higher emphasis on application of algebraic techniques to the solution of word problems. Participation in math contests is expected.

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

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

Evaluation: Performance on tests, assignments, and quizzes.

ALGEBRA 1 INTENSIVE

9

IDOE #2520 (ALG I INT) **M2520I**

Year/2.0 Credits toward Math requirement

Plus 2.0 Credits of Math elective = 4 Credits Total

This course counts towards an Academic Honors Diploma.

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

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

Activities: Lectures and discussion of assigned materials.

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

Evaluation: Performance on tests, assignments, and quizzes.

GEOMETRY

9 10 11 12

IDOE #2532 (GEOM) **M2532**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisite: Algebra 1 or Algebra 1 Honors

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

Activities: Lectures and classroom discussions of assigned material.

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

Evaluation: Performance on tests, quizzes, and assignments.

GEOMETRY HONORS

9 10

IDOE #2532 (GEOM HON) **M2532H**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

Prerequisite: Algebra 1 or Algebra 1 Honors with teacher recommendation. Final placement for incoming freshmen is determined by the high school based on available information (Previous courses taken, teacher recommendation, NWEA, and PSAT scores).

Content: For students who have completed Algebra 1 and wish to pursue a normal college prep curriculum. The course includes topics of Euclidean geometry; parallelism, congruence, similarity, strong focus on deductive proofs, area, volume, and coordinate geometry.

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

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

Evaluation: Performance on tests, quizzes, and assignments.

COLLEGE ALGEBRA HONORS

10 11

IDOE #2522 (COLLEGE ALG HON) **M2522H**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Geometry or Geometry Honors with teacher recommendation.

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

Activities: Lectures and classroom discussion of assigned material.

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

Evaluation: Performance on tests, quizzes, and assignments.

COLLEGE ALGEBRA GT

10 11

IDOE #2522 (COLL ALG 2 GT) **M2522G**

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

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

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

Activities: Lectures and classroom discussions of assigned materials.

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

Evaluation: Performance on tests, quizzes, and assignments.

ALGEBRA 2

11 12

IDOE #2522 (ALG II) **M2522**

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

Prerequisite: Geometry

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

Activities: Lectures and classroom discussion of assigned material.

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

Evaluation: Performance on tests, quizzes, and assignments.

ANALYTICAL ALGEBRA 2

11 12

IDOE #2524 (ANA ALG II) **M2524**

Year/2.0 Credits

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

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

Activities: Lectures and classroom discussion of assigned material.

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

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

PRE-CALCULUS: ALGEBRA

11 12

IDOE #2564 (PRECAL ALG) **M2564**

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

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

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

Activities: Lectures and classroom discussion of assigned materials.

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

Evaluation: Performance on tests, quizzes, and assignments

ADVANCED PLACEMENT **STATISTICS** 11 12

IDOE #2570 (AP STAT) **M2570**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: College Algebra GT, College Algebra Honors, or Algebra 2 with teacher recommendation and a minimum grade of "C". Students may not waiver into this course. Students may be enrolled in Calculus AB/BC concurrently with AP Statistics.
Content: Designed to prepare students to take the AP Statistics Exam. The course emphasizes exploring data, sampling and experimentation, and statistical inference. The course follows closely the syllabus provided by the College Entrance Examination Board for the AP Statistics Examination. It is expected that the students will take the AP Exam in mid-May.
Activities: Lectures and classroom discussions of assigned material.
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on tests, quizzes, assignments and semester project(s).

FINITE MATHEMATICS 11 12

IDOE #2530 (FINITE) **M2530**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: College Algebra Honors, College Algebra GT, or Algebra 2 with teacher recommendation.
Content: Finite is designed for students who will undertake higher-level mathematics in college that may not include Calculus. There are five main strands that make up finite math: sets, matrices, networks, optimization, and probability. The course contains many real-world business applications.
Activities: Lectures and classroom discussion of assigned material.
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on tests, quizzes, and assignments.

FINITE MATHEMATICS HONORS 11 12

IDOE #2530 (FINITE HON) **M2530H**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: College Algebra Honors or College Algebra GT with a minimum grade of a B and teacher recommendation. Students cannot waiver into this class.
Content: Finite is designed for students who will undertake higher-level mathematics in college that may not include Calculus. There are five main strands that make up finite math: sets, matrices, networks, optimization, and probability. The course contains many real-world business applications. In addition, to prepare students to take AP Calculus AB, some topics relating to algebraic functions will be covered. These additional topics help meet the prerequisite material for successful completion of calculus.
Activities: Lectures and classroom discussion of assigned material.
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on tests, quizzes, and assignments.

PRE-CALCULUS: TRIGONOMETRY 11 12

IDOE #2566 (PRECAL TRIG) **M2566**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: College Algebra GT, College Algebra Honors or Algebra 2 with teacher recommendation.
Content: Designed for students who have successfully completed three years of college preparatory math. Consists of a full semester devoted to trigonometry and trigonometric related topics. These topics include: The Unit Circle; Triangles; Periodic Functions; Identities; Polar Coordinates and Complex Numbers; and Vectors. Student owned scientific calculators are necessary.
Activities: Lectures and classroom discussion of assigned material.
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on tests, quizzes, and assignments.

PRE-CALCULUS: TRIGONOMETRY HONORS 11 12

IDOE #2566 (PRECAL TRIG H) **M2566H**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: College Algebra GT or College Algebra Honors with a minimum grade of a B and teacher recommendation. Students cannot waiver into this class.
Content: Designed for students who have successfully completed three years of college preparatory math. Consists of a full semester devoted to trigonometry and trigonometric related topics. These topics include: The Unit Circle; Triangles; Periodic Functions; Identities; Polar Coordinates and Complex Numbers; and Vectors. Student owned graphing calculator is optional, but a scientific calculator is necessary. This course is also intended for students who plan to AP Calculus AB. Additional topics to further prepare students for calculus will be explored. These topics include algebraic functions and additional transcendental functions.

Activities: Lectures and classroom discussion of assigned material.
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on tests, quizzes, and assignments.

QUANTITATIVE REASONING (12)

IDOE #2550 (QUANT REAS) **M2550**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: Algebra 2, Analytical Algebra 2, Finite, or Pre-Calculus/Trig with teacher recommendation.
Content: Quantitative Reasoning is focused on the study of numeracy, ratio and proportional reasoning, modeling, probabilistic reasoning to assess risk, and statistics. Students will build on prior mathematical knowledge to tackle real-world applications. Technology is a large component of this course.
Activities: Lectures and classroom discussion of assigned material.
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on tests, quizzes, and assignments.

ADVANCED MATHEMATICS [BRIEF CALCULUS] (12)

IDOE #2544 (ADV MTH CC) **M2544**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: College Algebra GT, College Algebra Honors, or Algebra 2 with teacher recommendation. If dual credit was not obtained for MATH 136, then a score of 95 on the KACalculus knowledge assessment is necessary to be eligible for dual credit.
Content: An introductory course in calculus. This course studies the fundamental concepts and operations of calculus including algebraic, exponential and logarithmic functions: limits, continuity, derivatives, points-of-inflection, first-derivative test, concavity, second-derivative test, optimization, antiderivatives, and integration by substitution, and elementary applications of the derivative and of the definite integral.
Activities: Lectures, classroom discussion, and collaborative activities
Out-of-Class Time Required: A minimum of 3 hours per week
Evaluation: Performance on tests, quizzes, and assignments

ADVANCED PLACEMENT **CALCULUS AB** (11) (12)

IDOE #2562 (AP CALC AB) **M2562**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: College Algebra GT, College Algebra Honors, Finite Honors/Pre-Calculus Trig Honors, or Pre-Calculus Algebra/Pre-Calculus Trig with teacher recommendation.
Content: Designed to prepare students to take the AP Calculus AB Exam. The course emphasizes working with polynomial, trigonometric, logarithmic, and exponential functions, and includes graphing, differentiation of and integration of these functions. The course follows closely the syllabus provided by the College Entrance Examination Board for the AP Calculus Examination. It is expected that students will take the AP Exam in mid-May.
Activities: Lectures and classroom discussion of assigned materials.
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on tests, quizzes, and daily assignments.

ADVANCED PLACEMENT **CALCULUS BC** (12)

IDOE #2572 (AP CALC BC) **M2572**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: Calculus AB with a minimum grade of C and teacher recommendation. Students may not waiver into this class.
Content: Designed to prepare students to take the AP Calculus BC Exam. The course emphasizes working with parametric, polar and vector functions and includes graphing, differentiation of and integration of these functions. The course follows closely the syllabus provided by the College Entrance Examination Board for the AP Calculus Examination. It is expected that students will take the AP Exam in mid-May. Participation in various math contests is also expected.
Activities: Lectures and classroom discussion of assigned material.
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on tests, quizzes, and daily assignments.

IB MATHEMATICS: APPLICATIONS AND INTERPRETATIONS - STANDARD LEVEL (12)

IDOE #2592 (IB MATH A&I SL) **M2592**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

Performing Arts

Civic Arts Career Pathways CTE Concentrators

PERFORMING ARTS GRADUATION PATHWAY

*Students must also complete Principles of Business Management in addition to the courses listed.

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Beginner or Intermediate Band, Choir, or Orchestra	Intermediate or Advanced Band, Choir, or Orchestra	Intermediate or Advanced Band, Choir, or Orchestra	Intermediate or Advanced Band, Choir, or Orchestra **AND** Internship

BEGINNING CHORUS - CONCERT CHOIR [MIXED] 9 10 11 12

IDOE #4182 (CONCERT CHOR) **N4182**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Audition encouraged but membership available to any student in grades 9-12.
Content: A Concert Choir for students who seek an introductory level experience in high school choral music. Primarily intended for freshman and sophomore vocalists, but junior and senior students may be enrolled per instructor's approval. In addition to preparing music for performances, members of this ensemble focus upon learning the elements of music and developing basic skills in music literacy. This involves daily practice, in-class written work, and occasional part testing.
Activities: Singing in small and large groups, as well as public performance.
Out-of-Class Time Required: Individual practice; four concerts per year: Fall, Holiday, Spring and Spring Revue; ISSMA performance events and pre-concert dress rehearsals.
Evaluation: Vocal proficiency, student motivation, classroom participation and written work. **All rehearsals and performances are a mandatory part of the class.**

INTERMEDIATE CHORUS - BEL CANTO [TREBLE] 9 10 11 12

IDOE #4186 (BEL CANTO) **N4186B**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Membership by audition only. This ensemble (Bel Canto) is designed for students who seek an accelerated experience in choral music. This class is designed for treble voiced singers grades 10-12. Freshmen may be enrolled per the instructor's approval.
Content: In addition to preparing music for performances, members of this ensemble focus upon learning the elements of music and developing basic skills in music literacy. This involves daily practice, in-class written work and occasional part testing.
Activities: Singing in small and large groups, as well as public performance.
Out-of-Class Time Required: Individual practice; performance in 4 concerts per year – Fall, Holiday, Spring and Spring Revue, plus ISSMA performance events and pre-concert dress rehearsals.
Evaluation: Vocal proficiency, student motivation, classroom participation and written work. **All rehearsals and performances are a mandatory part of the class.**

ADVANCED CHORUS - CAMERATA [MIXED] 10 11 12

IDOE #4188 (CAMERATA) **N4188C**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Membership by Audition only; this ensemble (Camerata) is designed for students who seek an accelerated experience in choral music. This class is designed for all singers – junior and seniors. Freshmen and sophomores may be enrolled per the instructor's approval.
Content: In addition to preparing music for performances, members of this ensemble focus upon learning the elements of music and developing basic skills in music literacy. This involves daily practice, in-class written work, and occasional part testing. Students in grades 9-12 are invited to audition for participation in this ensemble.
Activities: Singing in small and large groups, as well as public performances.
Out-of-Class Time Required: Individual practice; members of this group perform in 4 concerts per year – Fall, Holiday, Spring and Spring Revue, plus ISSMA performance events and pre-concert dress rehearsals.
Evaluation: Vocal proficiency; student motivation, classroom participation and any written work. **All rehearsals and performances are a mandatory part of the class.**

ADVANCED CHORUS - DRIFTERS [SHOW CHOIR] 9 10 11 12

IDOE #4188 (DRIFTERS) **N4188D**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Membership by Audition Only
Content: This course will focus upon the in-depth study of advanced vocal technique and music literacy skills as well as training in the art of live vocal entertainment. A wide variety of repertoire will be studied throughout the year to encourage further musical growth, including: traditional

choral selections, commercial music, and various other types of repertoire.
Activities: Singing in small and large groups, occasional journaling/writing assignments, numerous public performances and competitions throughout the school year.
Out-of-Class Time Required: Five concerts, after school rehearsals, competitions, organizational contest, and individual practice time.
Evaluation: Classroom participation, vocal proficiency, student motivation, and written work. **All rehearsals and performances are a mandatory part of the class.**

ADVANCED CHORUS - SANDPIPERS [SHOW CHOIR]

9 10 11 12

IDOE #4188 (SANDPIPERS) **N4188S**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Membership by Audition Only
Content: This course will focus upon the in-depth study of advanced vocal technique and music literacy skills as well as training in the art of live vocal entertainment. A wide variety of repertoire will be studied throughout the year to encourage further musical growth, including: traditional choral selections, commercial music, and various other types of repertoire.
Activities: Singing in small and large groups, occasional journaling/writing assignments, numerous public performances and competitions throughout the school year.
Out-of-Class Time Required: Five concerts, after school rehearsals, competitions, organizational contest, and individual practice time.
Evaluation: Classroom participation, vocal proficiency, student motivation, and written work. **All rehearsals and performances are a mandatory part of the class.**

DANCE CHOREOGRAPHY: MARCHING UNIT [COLOR GUARD]

9 10 11 12

IDOE #4142 (MARCH UNIT) **N41421**
Semester 1/1.0 Credit
Prerequisite: Audition Only
Content: Instruction in precision drill, auxiliary equipment techniques, and basic dance work.
Activities: Performs with Trojan Guard Marching Band
Out-of-Class Time Required: At least 4/5 home football games, local and national parades, field show contests, individual practice time and ensemble rehearsal: 2 evening practices per week (3 hours each) and Saturday rehearsals prior to departure for competitions during the marching season (First Quarter).
Evaluation: Motivation, participation, proficiency in drill, equipment work, and basic dance work. **All rehearsals and performances are a mandatory part of the class.**

DANCE CHOREOGRAPHY: COMPETITIVE UNIT [WINTER GUARD]

9 10 11 12

IDOE #4142 (COMP UNIT) **N41422**
Semester 2/1.0 Credit
Prerequisite: Marching Unit Semester 1 / Audition Only
Content: Instruction in advanced drill, auxiliary equipment techniques, and dance work.
Activities: Competes during the Winter Guard season (Jan-April) in Midwest Color Guard Circuit and IHSCGA events throughout Indiana, Illinois, Wisconsin, as well as Winter Guard International Regional and National level competitions throughout the United States.
Out-of-Class Time Required: Evening rehearsals and weekend competitions.
Evaluation: Motivation, participation, and proficiency at advanced skills. **All rehearsals and performances are a mandatory part of the class.**

INTERMEDIATE CONCERT BAND [SYMPHONIC BAND]

9 10 11 12

IDOE #4168 (INT BAND) **N4168**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Band is a year long course; enrollment in two semesters of band is mandatory.
Content: Improving playing technique through the use of study exercises and preparation of concert and contest literature.
Activities: Playing in large and small ensembles or as a soloist, counting and writing rhythmic passages, and performing in public concerts. Preparation of many concerts and performances as well as many after school rehearsals throughout the year.
Out-of-Class Time Required: At least four concerts, several additional performances, and many rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for concerts.
Evaluation: Performance proficiency in playing, student motivation, and participation. **All rehearsals and performances are a mandatory part of the class.**

ADVANCED CONCERT BAND [WIND ENSEMBLE]

9 10 11 12

IDOE #4170 (ADV BAND) **N4170**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Band is a year long course; enrollment in two semesters of band is mandatory.
Prerequisite: By audition only; demonstration of advanced skills on a wind instrument.
Content: Improving instrumental playing technique through the use of etude studies and the preparation of concert and contest literature. Wide range of advanced wind literature for the student whose ability and interest are equal to the challenging demands of the work.
Activities: Playing in small and large ensembles and performing in public concerts. Preparation of many concerts and performances as well as

many after school rehearsals throughout the year.
Out-of-Class Time Required: At least four concerts, several additional performances, and many rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for concerts.
Evaluation: Performance proficiency in playing, student motivation, and participation. **All rehearsals and performances are a mandatory part of the class.**

JAZZ ENSEMBLE

9 10 11 12

IDOE #4164 (JAZZ ENS) **N4164**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: By audition only; enrollment in one of the concert ensembles (band, orchestra) is mandatory. Pianists and guitarists are the exception to concert ensemble enrollment.
Content: Study of the various jazz art forms, improvisation, and development of music reading skills. Wide range of advanced jazz literature for the student whose ability and interest are equal to the challenging demands of more serious work.
Activities: Public performances, contests, and music festivals.
Out-of-Class Time Required: After school rehearsals for a minimum of at least four (4) prior to performances, and a one hour sectional each week. Performances include: Fall Concert, Holiday Concert, ISSMA Jazz Festival, "All That Jazz" Spring Concert, and several Jazz Festivals.
Evaluation: Performance proficiency in playing, student motivation, participation. **All rehearsals and performances are a mandatory part of the class.**

INTERMEDIATE INSTRUMENTAL ENSEMBLE [SYMPHONIC BAND PERCUSSION]

9 10 11 12

IDOE #4162 (INT INSTR ENS) **N41621**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: By audition only; demonstration of skills on percussion instruments. Percussion is a year-long course; enrollment in two semesters is mandatory.
Content: Improving playing technique through the use of etude and ensemble exercises in preparation of concert literature. Wide range of exciting and engaging wind and percussion literature for the student.
Activities: Playing in large and small ensembles or as a soloist, counting and writing rhythmic passages, and performing in public concerts. Preparation of many concerts and performances as well as many after school rehearsals throughout the year.
Out-of-Class Time Required: At least four concerts, several additional performances, and many rehearsals (after school) prio to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for concerts.
Evaluation: Performance proficiency in playing, student motivation, participation. **All rehearsals and performances are a mandatory part of the class.**

ADVANCED INSTRUMENTAL ENSEMBLE [WIND ENSEMBLE PERCUSSION]

9 10 11 12

IDOE #4162 (ADV INSTR ENS) **N41622**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: By audition only; demonstration of advanced skills on percussion instruments. Percussion is a year-long course; enrollment in two semesters is mandatory.
Content: Students will improve instrumental playing technique through the use of etude and ensemble studies in preparation of concert and contest literature. Wide range of advanced wind and percussion literature for the student whose ability and interest are equal to the challenging demands of the work.
Activities: Playing in large and small ensembles or as a soloist, counting and writing rhythmic passages, and performing in public concerts. Preparation of many concerts and performances as well as many after school rehearsals throughout the year.
Out-of-Class Time Required: At least four concerts, several additional performances, and many rehearsals (after school) prior to concerts and contests. This also includes performances and rehearsals outside the scheduled school day in preparation for concerts.
Evaluation: Performance proficiency in playing, student motivation, participation. **All rehearsals and performances are a mandatory part of the class.**

INTERMEDIATE ORCHESTRA [CONCERT ORCHESTRA]

9 10 11 12

IDOE #4172 (INT ORCH) **N4172**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Audition only.
Content: Improving playing technique through the use of study exercises and concert/contest literature.
Activities: Playing in large and small ensembles or as a solo, counting and writing rhythmic passages, and performing in public concerts.
Out-of-Class Time Required: Minimum of four concerts, Rehearsals in preparation for the ISSMA Solo & Ensemble Contest. After school rehearsals prior to the Holiday Concert, as well as the ISSMA Organizational Contest.
Evaluation: Performance proficiency in playing, rhythmic counting, and participation. **All rehearsals and performances are a mandatory part of the class.**

ADVANCED ORCHESTRA [SYMPHONY STRINGS]

9 10 11 12

IDOE #4174 (ADV ORCH) **N4174**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisite: Audition only.

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

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

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

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

MUSIC THEORY AND COMPOSITION

11 12

IDOE #4208 (MUS THEORY) **N4208**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

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

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

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

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

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

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

INSTRUMENTAL ENSEMBLE [GUITAR]

11 12

IDOE #4162 (GUITAR) **N4162G**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

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

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

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

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

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

Physical Education & Health

GUIDELINES

All students are required to earn one credit of Physical Education completed in class or through the Flex PE Credit.
(1 Semester = 1 Credit)

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

PHYSICAL EDUCATION 1

9 10 11 12

IDOE #3542 (PHYS ED I) **P3542**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Content: This course is designed to meet the Indiana state requirements for graduation. Within this course students will participate in recreational activities and games that will enhance the student's physical well being. This is a semester-long course and meets the state requirement for physical education.

Activities: Personal fitness, cooperative learning activities, team and individual sports

Application of Knowledge: Benefits of exercise, health related components of fitness and skill related components of fitness

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

Evaluation: Daily participation, personal fitness plan, skill assessments and written assessments

ATHLETE PERFORMANCE PHYSICAL EDUCATION 1 & 2

9

IDOE #3542 (PERF PHYS ED I) / IDOE #3544 (PERF PHYS ED II) **P3542P / P3544P**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: You must be planning to participate in an IHSAA sport for the upcoming year.

Content: This course is designed to meet the Indiana state requirements for graduation. This course is centered around the development of a student's athletic abilities. Students will follow a fitness program designed to increase muscular strength, muscular endurance, build power, increase flexibility and improve functional movement skills.

Activities: Dynamic warm-ups, drills designed to improve lateral & linear speed, agility, balance, power, and jumping ability, movement patterns designed to improve functional skills, plyometrics, multi-joint exercises, resistance band work as well as resistance weight training. Movement games are included to improve agility and reaction time.

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

Evaluation: Daily participation, personal fitness plan, skill assessments and written assessments

Physical Education Electives

ELECTIVE PHYSICAL EDUCATION [ADVANCED WEIGHT LIFTING]

9 10 11 12

IDOE #3560 (ADV WGHT LIFT 1 / ADV WGHT LIFT 2) **P35601 / P35602**

Semester/1.0 Credit

This course may be repeated for credit.

Prerequisite: Physical Education 1 or Athlete Performance Physical Education 1. Freshmen may enroll in weight lifting classes ONLY if they have completed Physical Education.

Content: This class is designed to teach anyone the basic knowledge to safely increase fitness levels and improve health. Students will follow a fitness program designed to increase muscular strength, muscular endurance, flexibility and improve functional movement skills.

Activities: Supervised weight training program offering multiple exercises for each muscle group. Dynamic warm-ups, drills and games designed to improve speed, agility, balance, power, reaction time and coordination.

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

Evaluation: Daily participation, personal fitness plan, skill assessments and written assessments.

ELECTIVE PHYSICAL EDUCATION [ADVANCED ATHLETE PERFORMANCE WEIGHT LIFTING]

10 11 12

IDOE #3560 (ADV WT LFT PER1 / ADV WT LFT PER2) **P3560A / P3560B**

Semester/1.0 Credit

This course may be repeated for credit.

Prerequisite: Athlete Performance Physical Education 1 & 2 or Approval of Head Strength & Conditioning Coach. You must be planning to participate in an IHSAA sport for the upcoming year.

Content: This course is centered around the development of a student athlete's abilities. Students will build upon a fitness program designed to increase muscular strength, muscular endurance, build power, increase flexibility and improve functional movement skills.

Activities: Supervised lifting program offering multiple exercises for each muscle group. Dynamic warm-ups, drills designed to improve lateral & linear speed, agility, balance, power, and jumping ability, movement patterns designed to improve functional skills, plyometrics, multi-joint exercises, resistance band work as well as resistance weight training. Movement games are included to improve agility, reaction time, and develop strategies for success in competitive settings.

Out-of-Class-Time Required: None, except for make-up time due to an absence and eLearning.
Evaluation: Daily participation, personal fitness plan, skill assessments and written assessments.

OFFICIATING 101

10 11 12

IDOE #0530 (OFFICIATING) **P0530**
Semester/1.0 Credit
This course may be repeated for credit.
Prerequisite: Physical Education 1 or Performance Physical Education 1
Content: This course will be geared toward officiating a variety of sports. When completed, students will have the ability to get licensed as an IHSAA official. Students can be linked to a mentor official and be given the opportunity to officiate lower level contests. Curriculum will be provided through RefReps.
Activities: Video training, class work, game specific field work and participation
Out-of-Class-Time Required: Two to six hours per week.
Evaluation: In-class activities, completion of online video modules, sport specific quizzes, and observations of officials.

Health Courses

GUIDELINES

All students are required to take 1 semester of Health and Wellness Education.
NOTE: The above requirement is established by the State of Indiana and cannot be waived by the school.

Health Sciences Career Pathways CTE Concentrators

EXERCISE SCIENCE GRADUATION PATHWAY

11TH/12TH GRADE: Principles of Exercise Science → 11TH/12TH GRADE: Kinesiology → 11TH/12TH GRADE: Human Performance (New Course during the 27-28 School Year) → 12TH GRADE: Physical Therapy Capstone *(Internship)*

HEALTH AND WELLNESS EDUCATION

10 11 12

IDOE #3506 (HLTH & WELL) **P3506**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: Wellness, emotional and mental health, nutrition and weight management, healthy and safe relationships, reproductive health and sexually transmitted infections, alcohol, tobacco/vaping and other drug abuse, organ donation.
Activities: Lecture, class discussion, group work, reading, research, computer projects, videos, & class activities.
Out-of-Class Time Required: Average of two hours per week.
Evaluation: Tests, classwork/homework, quizzes, projects, final exam.

PRINCIPLES OF EXERCISE SCIENCE

11 12

IDOE #7320 (PRIN EXER SCI) **P7320**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit. (In order to receive three (3) dual credits through Vincennes University, students must earn a C or higher in the class.)
Prerequisite: Health & Wellness Education
Content: This class provides an introduction to the science of exercise and human movement. Special topics include exercise physiology, sport biomechanics, sports medicine, and motor integration. Additionally, the course will examine career options in sport, health and wellness education, personal fitness training, and the medical fields like athletic training and physical therapy.
Activities: Lectures, class discussion, class activities, fitness journal reviews, videos, presentations.
Out-of-Class Time Required: Average of two hours per week.
Evaluation: Tests, quizzes, written work, lab activities, final exam

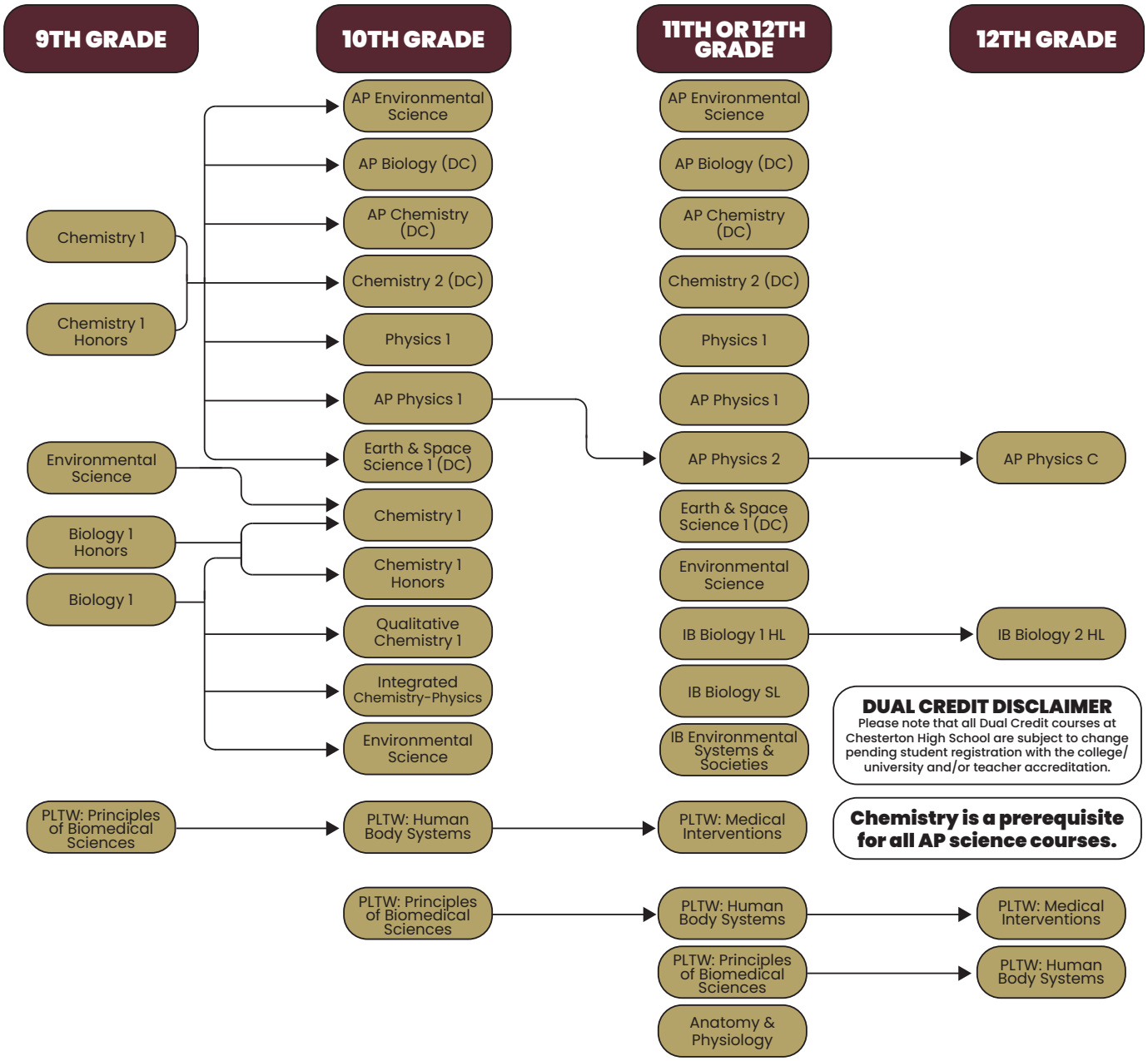
KINESIOLOGY

11 12

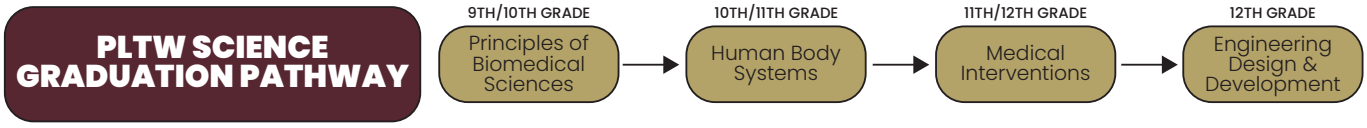
IDOE #7321 (KINESIO) **P7321**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit. (In order to receive three (3) dual credits through Vincennes University, students must earn a C or higher in the class.)
Prerequisite: Principles of Exercise Science
Content: This course is designed to provide students with an overview of the foundations of kinesiology and sport. The course will serve as an introduction to the study of kinesiology as a discipline, focusing on the knowledge base developed from experience, formal study, and professional practice. Students will learn about the relationship between lifelong experiences in physical activity and sport as well as the various careers associated within each discipline. It will also include a review of body systems, anatomy, injuries/diseases of each body system and current treatments.
Activities: Lectures, class discussions, group work and presentations, research, videos
Out-of-Class Time Required: Average of two hours per week
Evaluation: Tests, quizzes, written assignments, presentations, final exam

Science

Science Course Progression Chart



Science Career Pathways CTE Concentrators



BIOLOGY 1

9

IDOE #3024 (BIO I) **C3024**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

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

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

Evaluation: Summative and formative assessments, classroom projects, written assignments, and laboratory investigations.

BIOLOGY 1 HONORS

9

IDOE #3024 (BIO I HON) **C3024H**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

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

Content: Biology Honors is a course based on the following core topics: cellular structure and function, matter cycles and energy transfer, interdependence, inheritance and variation in traits, and 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 biology 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: Phenomenon-driven discussions, data analysis, and laboratory investigations.

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

Evaluation: Summative and formative assessments, classroom projects, written assignments, and laboratory investigations.

PLTW: PRINCIPLES OF BIOMEDICAL SCIENCES

9 10 11 12

IDOE #5218 (PRIN BIOMED) **C5218**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisite: Biology 1

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

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

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

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

PLTW: HUMAN BODY SYSTEMS

10 11 12

IDOE #5216 (HUMAN SYST) **C5216**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisite: PLTW Principles of Biomedical Science

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

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

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

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

PLTW: MEDICAL INTERVENTIONS

11 12

IDOE #5217 (MED INTERV) **C5217**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

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

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

Activities: Students practice problem-solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.
Out-of-Class Time Required: One to two hours per week.
Evaluation: Students are evaluated through assessments, classwork, and projects.

ADVANCED PLACEMENT **BIOLOGY** 10 11 12

IDOE #3020 (AP BIO) **C3020**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: Biology 1, Chemistry 1
Content: From the smallest units of life to how healthy ecosystems can be sustained, AP Biology explores the key principles of biology. While you learn about genetics and how it affects evolution, how energy flows through ecosystems, and other fascinating topics, you'll also learn how to think critically, solve problems, and communicate scientific ideas effectively. The course is divided into eight units in which you will study the chemistry of life, cells, cellular energetics, cell communication and the cell cycle, heredity, gene expression and regulation, natural selection, and ecology.
Activities: Lectures, class discussion, laboratory investigations, data analysis
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Performance on unit tests, written assignments, and laboratory reports and activities

IB BIOLOGY 1 - HIGHER LEVEL 11

IDOE #3032 (IB BIO 1 HL) **C30321**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

IB BIOLOGY 2 - HIGHER LEVEL 12

IDOE #3032 (IB BIO 2 HL) **C30322**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

ANATOMY AND PHYSIOLOGY 11 12

IDOE #5276 (A & P) **C5276**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: Must take two (2) of the following: Biology 2 AP; Chemistry 1 or Chemistry 1 Honors; Physics 1 or Physics 1 AP; Environmental Science AP; Earth and Space Science 1; Chemistry 2; Chemistry AP
Content: A study of anatomical terms, cytology, and histology within a framework of human body systems, including integumentary, skeletal, muscular, nervous, special senses, endocrine, immune, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive. Emphasis is placed upon understanding the inter-relationships of the anatomy and physiology within and between these systems.
Activities: Histological examinations (microscope), lab drawings, gross dissections, designing experiments, computer simulations.
Out-of-Class Time Required: Three hours per week.
Evaluation: Unit tests, anatomy quizzes, lab reports, lab practicals/dissections, and experimental designs.

EARTH AND SPACE SCIENCE 1 10 11 12

IDOE #3044 (EAS SCI 1) **C3044**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: Must take two of the following: Biology 1, Chemistry 1, Integrated Chemistry-Physics or Physics 1
Content: An investigative approach to the study of the earth that places emphasis on the processes that change our planet and shape the environment. Units covered will include the Weather Cycle, the Rock Cycle, Earth History, Plate Tectonics and Exploration of the Universe.
Activities: Laboratory investigations, class discussions.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Performance on classroom and laboratory investigations and on objective tests.

CHEMISTRY 1 9 10 11 12

IDOE #3064 (CHEM 1) **C3064**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Algebra 1 and Biology 1
Content: Study of the materials of our environment and the changes they undergo, how the changes can be communicated by means of equations, and the quantitative relationships concerning these changes.
Activities: Lectures, class discussions, and laboratory investigations, demonstrations.
Out-of-Class Time Required: Approximately thirty minutes per day.
Evaluation: Performance on tests, laboratory reports and homework projects, in class assignments.

CHEMISTRY 1 HONORS

9 10 11 12

IDOE #3064 (CHEM I HON) **C3064H**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisite: Biology 1 and Algebra 1 with teacher recommendation. 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 30 minutes per day.

Evaluation: Performance of tests, laboratory reports and homework projects, in class assignments.

QUALITATIVE CHEMISTRY 1

10 11 12

IDOE #3064 (QUAL CHEM 1) **C3064I**

Year/2.0 Credits

Prerequisite: Biology 1 (required); Algebra 1 (recommended, may be taken concurrently)

Content: A study of the materials of our environment, the changes they undergo, and how the changes can be communicated by means of the qualitative relationships concerning these changes. Qualitative Chemistry 1 incorporates high school disciplinary core ideas, science and engineering practices, and crosscutting concepts to help students gain a three-dimensional understanding of Chemistry topics from a qualitative approach. Disciplinary core ideas for this course include matter and its interactions and energy. Instruction focuses on observing phenomena to develop an understanding of how scientific knowledge is acquired.

Activities: Class discussions, lectures, laboratory investigations, demonstrations, reports, and computer simulations.

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

Evaluation: Performance on tests, laboratories, in-class assignments, and reports.

CHEMISTRY 2

10 11 12

IDOE #3066 (CHEM II) **C3066**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Prerequisite: Chemistry 1

Content: Additional study of the basic principles of chemistry.

Activities: Laboratory investigations, lectures and discussions, demonstrations.

Out-of-Class Time Required: Approximately thirty minutes per day.

Evaluation: Performance on tests, laboratory reports, and homework assignments.

ADVANCED PLACEMENT **CHEMISTRY**

11 12

IDOE #3060 (AP CHEM) **C3060**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

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

Prerequisite: College Algebra, Chemistry 1 Honors, or Chemistry 1 with teacher recommendation

Content: The AP curriculum will be followed and will include: structure of matter, states of matter, chemical reactions, gas behavior, chemical bonding, reaction, rates, kinetics, thermoschemistry, and equilibrium.

Activities: Laboratory investigations, lectures and discussions.

Out-of-Class Time Required: One hour per night plus additional time for lab reports.

Evaluation: Written assignments, tests, quizzes and lab reports.

PHYSICS 1

10 11 12

IDOE #3084 (PHYS I) **C3084**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Prerequisites: Biology 1, Algebra 1, Geometry (may be concurrent with teacher approval)

Content: A core overview of Newtonian Physics. Topics will include: problem solving, motion and forces, energy and work, momentum and collisions, simple harmonics, and principles of waves. Interpretation of natural phenomena through observation experimentation, and scientific methods. (Can serve as a foundation course for AP Physics)

Activities: Inquiry based labs, problem solving sessions, class discussion, lecture, and class demonstrations.

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

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

ADVANCED PLACEMENT **PHYSICS 1**

10 11 12

IDOE #3080 (AP PHYS I) **C3080**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

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

Prerequisites: Biology 1; Algebra; Geometry; Concurrent with/or Chemistry 1 and teacher recommendation;

(Only sophomores with a strong science and math background and interest should consider this option)

Content: The AP Physics 1 curriculum is the equivalent of a first semester college course in algebra-based physics; topics will include: kinematics, torque rotational motion and angular momentum, gravitation and circular motion, work, energy, power, linear momentum, and simple harmonic motion.
Activities: Extensive inquiry based labs, problem solving sessions, class discussion, lecture, and class demonstrations.
Out-of-Class Time Required: One hour per night plus extra time for lab reports.
Evaluation: Exams, quizzes, lab reports, problem sets and participation.

ADVANCED PLACEMENT **PHYSICS 2** 11 12

IDOE #3081 (AP PHYS II) **C3081**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisites: AP Physics 1 and teacher recommendation.
Content: The AP Physics 2 curriculum is the equivalent of a second semester college course in algebra-based physics; topics will include: Fluid statics and dynamics, thermodynamics, electrostatics, electrical circuits, magnetic fields, electromagnetism, physical and geometric optics, and modern physics.
Activities: Extensive inquiry based labs, problem solving sessions; classroom discussion; lecture and class demonstrations.
Out-of-Class Time Required: One hour per night plus extra time for lab reports.
Evaluation: Exams, quizzes, lab reports, problem sets & participation.

ADVANCED PLACEMENT **PHYSICS C** 12

IDOE #3088 (AP PHYS C) **C3088**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisites: AP Physics 1, AP Physics 2, Calculus AB (seniors can enroll with AP Physics 2 and/or Calculus AB taken concurrently), and teacher recommendation
Content: The AP Physics C course is equivalent to a first semester calculus-based college course taken by Science and Engineering students. Topics will include: Kinematics, Energy, Momentum, Rotation, Oscillations, and Gravitation. Additional supplemental material in Electricity & Magnetism will also be covered when time permits. The class is designed to help prepare students for the AP Physics C Exam.
Activities: Classic AP Physics C Lab activities will be performed. Problem solving sessions, class discussions, lecture and class demonstrations.
Evaluation: Problem sets, quizzes, exams, lab reports

INTEGRATED CHEMISTRY-PHYSICS 10 11 12

IDOE #3108 (ICP) **C3108**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Biology 1
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 9 10 11 12

IDOE #3010 (ENV SCI) **C3010**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Biology 1
Content: Environmental Science is an interdisciplinary course that integrates biology, earth science, and chemistry on the backdrop of numerous social sciences. Students enrolled in this course conduct in-depth scientific studies of environmental systems, flow of matter and energy, environmental policies, biodiversity, ecology, pollution, and natural and anthropogenic resource cycles. Cross-cutting concepts are an integral part of this course.
Activities: Class discussions, lectures, laboratory investigations, computer simulations, videos.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Performance on written assignments, labs, tests, projects, and classroom participation.

ADVANCED PLACEMENT **ENVIRONMENTAL SCIENCE** 10 11 12

IDOE #3012 (AP ENV SCI) **C3012**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: Biology 1 and Chemistry 1
Content: AP Environmental Science focuses on the scientific principles, concepts, and methods required to understand the interrlationships of the natural world. This involves identifying and analyzing environmental problems (both natural and human-made), evaluating the relative risks associated with these problems, and proposing alternative solutions for resolving or preventing them. Topics discussed include: Sustainability, Ecology, Ethics/Economics, Population demographics, Agriculture, Aquatic Systems, Toxicology, Urbanization, and Energy.
Activities: Laboratory investigations, notes, lectures and discussion.
Out-of-Class Time Required: One half hour per night or about three hours per week.
Evaluation: Written assignments, tests, binder checks (notes), and labs.

IB ENVIRONMENTAL SYSTEMS AND SOCITIES (ESS) - STANDARD LEVEL 11 12

IDOE #3016 (IB ENVSS SL) **C3016**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

Service & Career Education

CAREER INFORMATION AND EXPLORATION [INTERNSHIP/WORK STUDY] 12

IDOE #0530/0522 (CARR EXP / CARR INFO) **Y0530 / Y0522**

1 credit = 75 hours, 2 credits = 150 hours, 3 credits = 225 hours

This course can be taken for Dual Credit.

Prerequisite: Student MUST have a completed application turned in to the Internship Director. Scan the QR code for the application.

Work Study Prerequisite: Students are required to have a job already secured by the first day of school as evidenced by pay stubs in order to participate in this program.

Content: Career Information and Exploration provides students with opportunities to learn about themselves and about various traditional and nontraditional occupations and careers. Students also gain an awareness of the type of occupational preparation or training needed for various occupations and careers. Students develop skills in: 1) employability, 2) understanding the economic process, and 3) career decision making and planning.

Activities: Students will work with a business to learn real world job applications in a specific career field. Dependent on internship location. Placement can be either paid or unpaid. Students are required to participate in regularly scheduled in-class instruction throughout the semester.

PEER TUTORING [YEAR ONE] 10 11 12

IDOE #0520 (PEER TUTOR M / PEER TUTOR SE / PEER TUTOR TL) **Y0520M** [FRESHMAN TEAMS] **/Y0520S** [SPECIAL EDUCATION] **/ Y0520T** [TUTOR LAB]

Year/2.0 Credits

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

Prerequisite: Student must have a recommendation from a teacher, counselor, or administrator and at least a 2.5 GPA.

Content: Mentors will assist students in Freshman TEAMS, the Special Education classroom or in the Tutor Lab. They will provide assistance to students in keeping their schoolwork organized. Students may be asked to provide homework, time management, and social skills advice to their mentee.

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

Evaluation: Supervising teacher will award a grade.

PEER TUTORING (INTERNSHIP) [YEAR TWO] 11 12

IDOE #0522 (PEER TUT INT M / PEER TUT INT SE / PEER TUT INT TL) **Y0522M** [FRESHMAN TEAMS] **/Y0522S** [SPECIAL EDUCATION] **/ Y0522T** [TUTOR LAB]

Year/2.0 Credits

NOTE: This course counts as Career Information & Exploration credits.

A student may only earn 8 total credits in Career Information & Exploration.

Prerequisite: Peer Tutoring [Year One]. Student must have a recommendation from a teacher, counselor, or administrator and at least a 2.5 GPA.

Content: Mentors will assist students in Freshman TEAMS, the Special Education classroom and in the Tutor Lab. They will provide assistance to students in keeping their schoolwork organized. Students may be asked to provide homework, time management, and social skills advice to their mentee.

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

Evaluation: Supervising teacher will award a grade.

Service & Career Education Career Pathways CTE Concentrators

CRIMINAL JUSTICE GRADUATION PATHWAY

9TH/10TH GRADE	10TH/11TH GRADE	11TH/12TH GRADE	12TH GRADE
Principles of Criminal Justice	Law Enforcement Fundamentals	Corrections & Cultural Awareness	Criminal Justice Capstone *(Internship)*

PRINCIPLES OF CRIMINAL JUSTICE 9 10 11 12

IDOE #7193 (PRIN CR JUST) **Y7193**

Year/2.0 Credits

This course can be taken for Dual Credit. Freshmen are not eligible for Dual Credit.

Content: Principles of Criminal Justice covers the purposes, functions, and history of the three primary parts of the criminal justice system: law enforcement, courts, and corrections. This course further explores the interrelationships and responsibilities of these three primary elements of the criminal justice system.

Activities: Discussions and group activities.

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

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

LAW ENFORCEMENT FUNDAMENTALS

10 11 12

IDOE #7191 (LAW ENF FUND) **Y7191**

Year/2.0 Credits

Content: Law Enforcement Fundamentals critically examines the history and nature of the major theoretical perspectives in criminology, and the theories found within those perspectives. Analyzes the research support for such theories and perspectives, and the connections between theory and criminal justice system practice within all the major components of the criminal justice system. Demonstrates the application of specific theories to explain violent and non-violent criminal behavior on both the micro and macro levels of analysis. Additionally, this course will introduce fundamental law enforcement operations and organization. This includes the evolution of law enforcement at federal, state, and local levels.
Activities: Discussions and group activities.
Out-of-Class Time Required: Two hours per week on average.
Evaluation: Participation of in and out of class activities and performance based tests.

CORRECTIONS AND CULTURAL AWARENESS

10 11 12

IDOE #7188 (CRT CORR) **Y7188**

Year/2.0 Credits

This course can be taken for Dual Credit.

Content: Corrections and Cultural Awareness emphasizes the study of American criminal justice problems and systems in historical and cultural perspectives, as well as discussing social and public policy factors affecting crime. Multidisciplinary and multicultural perspectives are stressed. Additionally, this course takes a further examination of the American correctional system; the study of administration of local, state, and federal correctional agencies. The examination also includes the history and development of correctional policies and practices, criminal sentencing, jails, prisons, alternative sentencing, prisoner rights, rehabilitation, and community corrections including probation and parole. Current philosophies of corrections and the debates surrounding the roles and effectiveness of criminal sentences, institutional procedures, technological developments, and special populations are discussed.

CAREER AND TECHNICAL EDUCATION COURSES

11 12

Year/6.0 Credits

Juniors and seniors at CHS have the opportunity to enroll half days in Career and Technical Education (CTE) programs. These programs offer an excellent opportunity to explore a family of careers and get some preliminary career training. For success, a student must be sincerely interested in the career field and have good attendance habits.

AVAILABLE PROGRAMS

Automotive Technology
Civil Construction
Computer Aided Design (CAD) & Animation
Computer Tech Support
Construction Trades
Cosmetology Professional Services
Criminal Justice 1
Criminal Justice 2
Culinary Arts & Hospitality
Dental Careers
Diesel Technology
Early Childhood Education
Education Professions
Electrical Maintenance Technology
Emergency Medical Services
Fire & Rescue Services
Graphic Design
Health Science Education 1
Health Science Education 2
Horticultural Science
Industrial Maintenance Technology
Marketing & Sales
Precision Machining
Radio & Television
Sports Medicine & Athletic Training
Strategic Marketing Internship
Veterinary Careers
Welding Technology

As many as six (6) credits per year can be earned in a CTE program. To enroll, a student must have at least 18 credits by the beginning of his/her junior year or 30 by the beginning of his/her senior year.

Applications to attend are required each school year. Transportation to PCCTE programs is NOT guaranteed from year to year. Students must be prepared to provide their own transportation. Because Duneland must pay tuition for these programs by the year, students must plan to remain in a program for both semesters; provision will not be made to provide alternative classes once a program has begun. For that reason, we require that students attend visitation programs and meet CTE teachers before making a decision to enroll.

For CTE course descriptions and additional information, visit the Porter County Career Center website: https://pccte.org/ or scan the QR code.

Social Studies

GUIDELINES

All students are required to complete a total of six (6) Social Studies credits in order to graduate from Chesterton High School.
Freshman Year: 2.0 Credits – Geography & History of the World or AP Human Geography
Junior Year: 2.0 Credits – United States History
Senior Year: 1.0 Credit – United States Government AND 1.0 Credit – Economics, Macroeconomics, or Microeconomics

9TH GRADE SOCIAL STUDIES

As a result of middle school recommendation, students will be placed into one of three (3) 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 four (4) United States 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 two (2) Government programs and an Economics programs, all of which emphasize the essential social studies skills of gathering, interpreting, analyzing, summarizing, synthesizing, and evaluating information.

Social Studies Course Progression Chart

9TH GRADE	10TH GRADE	11TH GRADE		12TH GRADE	
Geography History of the World	AP Psychology	U.S. History	AP U.S. History (DC)	Government	IB History 2 HL
AP Human Geography	AP Human Geography	U.S. History (DC)	AP Psychology	AP Government & Politics	IB Philosophy SL
	AP World History	U. S. History Honors (DC)	AP Human Geography	Economics	AP Psychology
	AP European History	Indiana Studies	AP World History	AP Microeconomics	AP Human Geography
	Ethnic Studies	Ethnic Studies	IB History 1	AP Macroeconomics	AP World History
	Indiana Studies	Psychology	IB Philosophy SL	Ethnic Studies	AP European History
		Sociology	AP European History	Indiana Studies	Psychology
				Sociology	

FULL YEAR COURSE

SEMESTER COURSE

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.

All AP, IB, and Honors courses are weighted

GEOGRAPHY AND HISTORY OF THE WORLD (9)

IDOE #1570 (GEO-HST WLD) **U1570**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

Content: Geography and History of the World is designed to enable students to use geographical tools, skills and historical concepts to deepen their understanding of major global themes including the origin and spread of world religions; exploration; conquest, and imperialism; urbanization; and innovations and revolutions. Geographical and historical skills include forming research questions, acquiring information by investigating a variety of primary and secondary sources, organizing information by creating graphic representations, analyzing information to determine and explain patterns and trends, planning for the future, and documenting and presenting findings orally or in writing. The historical geography concepts used to explore global themes include change over time, origin, diffusion, physical systems, cultural landscapes, and spatial distribution/patterns and interaction/relationships. Students use the knowledge, tools, and skills obtained from this course to analyze, evaluate, and make predictions about major global developments. This course is designed to nurture perceptive and responsible citizenship, to encourage and support the development of critical thinking skills and lifelong learning, and to help prepare Indiana students for the 21st Century.

Activities: Lectures, projects, presentations, discussions, readings, charts, graphs, videos, written assignments, and individual and group work. Emphasis on developing student global perspectives and high school work skills.

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

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

ADVANCED PLACEMENT **HUMAN GEOGRAPHY** (9) (10) (11) (12)

IDOE #1572 (AP HUM GEO) **U1572**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

A course for students who have been identified as being able to handle advanced work.

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

Content: AP Human Geography introduces high school students to college-level introductory human geography or cultural geography. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction.

Specific topics with which students engage include the following:

- Problems of economic development and cultural change
- Consequences of population growth, changing fertility rates, and international migration
- Impacts of technological innovation on transportation, communication, industrialization, and other aspects of human life
- Struggles over political power and control of territory
- Conflicts over the demands of ethnic minorities, the role of women in society, and the inequalities between developed and developing countries
- Explanations of why location matters to agricultural land use, industrial development, and urban problems
- The role of climate change and environmental abuses in shaping the human landscapes on Earth

The goal of this course is for students to become more geoliterate, more engaged in contemporary global issues, and more informed about multicultural viewpoints. They will develop skills in approaching problems geographically, using maps and geospatial technologies, thinking critically about texts and graphic images, interpreting cultural landscapes, and applying geographic concepts such as scale, region, diffusion, interdependence, and spatial interaction, among others. Students will see geography as a discipline relevant to the world in which they live; as a source of ideas for identifying, clarifying, and solving problems at various scales; and as a key component of building global citizenship and environmental stewardship.

Activities: Lectures, projects, presentations, discussions, readings, maps, videos, written assignments, and individual and group work. Emphasis of preparing students for the AP Test at the end of the course.

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

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

ADVANCED PLACEMENT **EUROPEAN HISTORY** (10) (11) (12)

IDOE #1556 (AP EUR HST) **U1556**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

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

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

Content: It is a rigorous college-level course that provides an in-depth analysis of the cultural, diplomatic, economic, intellectual, political, and social history of the European continent from the High Renaissance (Approximately 1450 AD) to the Present. Special emphasis is given on preparing students to take the AP Test at the end of the course. Students who successfully complete the Advanced Placement European History test may be eligible for college credit. Strong writing skills are mandatory for success in this class.

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

Out-of-Class Time Required: Extensive reading and two to five hours of written work.

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

UNITED STATES HISTORY

11

IDOE #1542 (US HIST / US HIST DC) **U1542/U1542C**

Year/2.0 Credits

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

United States History is a two-semester course that builds upon concepts developed in previous studies of American History and emphasizes national development from the late nineteenth century into the twenty-first century. After reviewing fundamental themes in the early development of the nation, students are expected to identify and review significant events, issues, and movements in the early development of the nation. The course then gives major emphasis to the interaction of key events, people, and political, economic, social, and cultural influences in national developments through to the present.

Content: American History from the Founding Era to present-day, with special emphasis placed on important events, social and cultural influences, and people of the past 100 years.

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

Out-of-Class Time Required: Two to five hours per week, depending on placement level.

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

UNITED STATES HISTORY HONORS

11 12

IDOE #1542 (US HIST HON) **U1542H**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Honors US History is designed for students wishing to gain a deeper understanding of US History. This course presents a comprehensive, chronological overview of the history of the United States, surveying the major events, institutions, people, and turning points that have influenced the evolution of US politics, economics, foreign relations, culture, and social movements.Students will develop historical thinking and research skills and use primary and secondary sources to explore topical issues and historical problems to understand the cause for changes in the nation over time.

Content: This course is the traditional chronological approach to U.S.History. Semester I reviews early pre-colonial American history to the Reconstruction Era and Semester II covers the Gilded Age through to the present.Activities: Lectures, discussions, readings, maps, videos, written assignments, and individual and group projects.

Out-of-Class Time Required: Two to three hours per week, depending on placement level.

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

ADVANCED PLACEMENT **UNITED STATES HISTORY**

11

IDOE #1562 (AP US HIST) **U1562**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

The Advanced Placement United States History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college course. Students should learn to assess historical materials, their relevance to given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. This course should develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will be required to take the Advanced Placement Test and upon successful completion of the test will receive 6 college credits from almost all colleges and universities in the United States.

Content: This is a survey course designed to give you a general overview of the history of our country. The course will be taught in a chronological manner and include readings in a broad variety of topics such as economic history, cultural and intellectual history, social history as well as political history. Emphasis will be placed on the learning of basic themes and concepts that permeate our history and have contributed to the development of the American Character.

Activities: study of the textbook, supplemental readings in the forms of documents, essays, and handouts, homework and papers that when completed will provide a solid understanding of the subject.

Out-of-Class Time Required: Two to five hours per week, depending on placement level.

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

ADVANCED PLACEMENT **WORLD HISTORY MODERN**

10 11 12

IDOE #1612 (AP WLD HST) **U1612**

Year/2.0 Credits (Weighted Grade)

This course counts towards an Academic Honors Diploma.

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

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

Content: It is a rigorous college-level course that provides an in-depth analysis of the cultural, diplomatic, economic, intellectual, political, and social history of the world from circa 1200 CE to the present. Special emphasis is given on preparing students to take the AP Test at the end of the course in May. Students who successfully complete the AP World History: Modern test may be eligible for college credit. Strong writing skills are necessary for success in this class.

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

Out-of-Class Time Required: Independent reading and two hours of written/assigned work weekly.

Evaluation: Quizzes, tests, and short answer, document-based and long essay questions designed to prepare students for the AP Test.

UNITED STATES GOVERNMENT (12)

IDOE #1540 (US GOVT) **U1540**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
A course for students who have been identified as working at or near their grade level.
Content: This course focuses on the founding principles and beliefs of American government. Students will study the structure, operation, problems, and reforms associated with the three branches of our national government with a special emphasis on contemporary issues and how government affects the quality of daily life.
Activities: Lectures, class discussion, videos, research projects, written assignments, guest speakers, and quiz bowls.
Out of Class Time Required: Two to five hours per week based upon placement level.
Evaluation: Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation where necessary and appropriate.

ADVANCED PLACEMENT **UNITED STATES GOVERNMENT AND POLITICS** (12)

IDOE #1560 (US GOVT AP) **U1560**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Content: AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. Topics covered in AP United States Government and Politics are as follows: Foundations of American Democracy, Interactions Among Branches of Government, Civil Rights and Liberties, American Political Ideologies and Beliefs, and Political Participation.
Activities: Students engage in a variety of interactive activities, including simulations of government functions like mock trials and legislative sessions, debates on current political issues, and case studies of landmark Supreme Court decisions. Research projects, public opinion polls, and simulations help students explore political systems and processes firsthand. Regular lectures provide foundational knowledge, while document analysis and discussions deepen their understanding of key topics such as federalism, civil rights, and public policy.
Out of Class Time Required: Two to three hours per week

ECONOMICS (12)

IDOE #1514 (ECON) **U1514**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: This course is designed to give all students a basic understanding of how their country's economy operates. Students will learn to analyze the inner workings (microeconomics) and broad policies (macroeconomics) of America's economic system and evaluate how it affects our daily lives. The goal of the senior year economics course is for the student to demonstrate an understanding of basic economic concepts and how they apply to current economic situations. Students examine their roles as consumer, worker, investor and voting citizen. Topics of discussion include the nature of supply and demand, market structures, growth and development, capital formation, the role of government, the Stock Market, comparative economic systems, fiscal and monetary policies, and the impact of political and social decisions on the economy.
Activities: Lectures, class discussion, videos, research projects, written assignments, guest speakers, and quiz bowls.
Out of Class Time Required: Two to five hours per week based upon placement level.
Evaluation: Quizzes and tests supplemented by lectures, written work, readings, presentations, videos, group work, projects, and subjective evaluation where necessary and appropriate.

ADVANCED PLACEMENT **MACROECONOMICS** (12)

IDOE #1564 (AP MACRO-ECON) **U1564**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course is designed for students identified as able to do advanced work.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Content: AP Macroeconomics will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics. This course is excellent for those wishing to pursue a career in business or finance. Specific topics with which students engage include the following: basic economic concepts; economic indicators and the Business Cycle; National income and price determination; Financial sector; Long-run stabilization policies; and International trade and finance. This course will include an analysis of supply and demand, national income and its components, economic indicators, inflation and unemployment, money and banking, stabilization policies, and the United States and its role in the global market. Students learn to use graphs, charts, and data to analyze, describe and explain economic concepts.
Activities: Lectures, projects, presentations, discussions, readings, charts, graphs, videos, written assignments, and individual and group work. Emphasis of preparing students for the AP test at the end of the school year.
Out of Class Time Required: Approximately two to three hours per week.
Evaluation: Quizzes, tests, and homework designed to prepare students for the AP test.

ADVANCED PLACEMENT **MICROECONOMICS** 12

IDOE #1566 (AP MICRO-ECON) **U1566**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
This course is designed for students identified as able to do advanced work.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Content: AP Microeconomics provides an introduction to the tools and techniques used by economists to analyze market systems. Applications of microeconomic theory will be used to understand real world business, market, and policy questions. Specific topics with which students engage include the following: basic economic concepts; trade; supply and demand; costs of production; market failures; role of government in the economy. The course will give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. Students will become more economically literate and more informed regarding economic policies and changes in their lives and in society. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.
Activities: Lectures, projects, presentations, discussions, readings, charts, graphs, videos, written assignments, and individual and group work. Emphasis of preparing students for the AP test at the end of the school year.
Out of Class Time Required: Approximately two to three hours per week.
Evaluation: Quizzes, tests, and homework designed to prepare students for the AP test.

Social Studies Electives

ETHNIC STUDIES 10 11 12

IDOE #1516 (ETH STUDIES) **U1516**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: The class provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. The class will use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups.
Activities: Reading assignments, group discussion, small group projects, lectures and writing assignments.
Evaluation: Quizzes, tests, group work, class participation.

INDIANA STUDIES 10 11 12

IDOE #1518 (IN STUDIES) **U1518**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society will be included and students will examine the participation of citizens in the political process.
Activities: Reading assignments, group discussion, small group projects, lectures and writing assignments.
Evaluation: Quizzes, tests, group work, class participation

SOCIOLOGY 11 12

IDOE #1534 (SOCIOLOGY) **U1534**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: The class will focus on the study of human society, including both social action and social organization. Students will examine the various ways that an individual's life is shaped by the structures and forces of society. Special emphasis will be placed upon the following sociological topics: socialization, deviance, class stratification, race and gender issues, the family, and education. Students are expected to develop a thorough understanding of sociological concepts and apply them to current events.
Activities: Reading assignments, sociological research projects, group discussion, class experiments, and various writing assignments.
Out of Class Time Required: Three to four hours per week.
Evaluation: Quizzes, tests, group work, class participation, and term papers.

PSYCHOLOGY 11 12

IDOE #1532 (PSYCH) **U1532**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: A study of the patterns of human behavior, mental health, and the effects of heredity and environment. Students can receive credit in both Psychology and Psychology AP.
Activities: Readings, experiments, videos, role-playing, small group projects, lectures, and discussion.
Evaluation: Quizzes, tests, group work, projects, & class participation.

ADVANCED PLACEMENT **PSYCHOLOGY** 10 11 12

IDOE #1558 (AP PSYCH) **U1558**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
This course is designed for students identified as able to do advanced work.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Content: A rigorous college-level course that provides an in-depth analysis of the study of the patterns of human behavior, cognition, and research in those areas. 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, article analysis, small group projects, lectures, and discussion.
Out of Class Time Required: Two to three hours per week.
Evaluation: Quizzes, tests, free-response questions, and projects designed to prepare students for the AP Test.

IB HISTORY 1 - HIGHER LEVEL 11

IDOE #1590 (IB HIST 1 HL) **U15901**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

IB HISTORY 2 - HIGHER LEVEL 12

IDOE #1590 (IB HIST 2 HL) **U15902**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

IB PHILOSOPHY - STANDARD LEVEL 11 12

IDOE #1602 (IB PHIL SL) **U1602**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

Special Education

9TH-11TH GRADE APPLIED SKILLS

Students entering the high school on an Alternate Diploma track will participate in the Applied Skills Program, which includes classes tailored to meet the specific needs of individual and IEP goals, services, and transition support.
Students in Grade 9-11 will take the following required Applied classes: English, Math, Science, Social Studies, Physical Education, Health & Wellness, Adult Roles & Responsibilities, and Electives. (Students in this program also have the opportunity to take a variety of classes in the General Education setting, when applicable).

TRANSITION PROGRAM

Students entering the Transition Program will complete the following required 12th Grade classes: English 12, Personal Finance, Government & Economics, College & Careers, and Career Exploration. In addition they will participate in a variety of school based and/or community experiences. Upon completion of these required 12th grade classes, students may continue to remain in the program through age 22 if their IEP team determines this is appropriate. As a Post-Graduate, students continue to practice real-world academics, work on hands-on employment skills and foster their independent living skills in real-life settings and within their communities. Community based-experiences and job coaching can be provided as needed.

ENGLISH

APPLIED ENGLISH 9
APPLIED ENGLISH 10
APPLIED ENGLISH 11
APPLIED ENGLISH 12
APPLIED CURRENT EVENTS

FAMILY & CONSUMER SCIENCES

APPLIED ADULT ROLES
APPLIED INTERPERSONAL RELATIONSHIPS
APPLIED PREP FOR COLLEGE & CAREERS
APPLIED NUTRITION & WELLNESS

MATHEMATICS

APPLIED ALGEBRA
APPLIED GEOMETRY
APPLIED BUSINESS MATH
APPLIED PERSONAL FINANCE

PHYSICAL EDUCATION & HEALTH

APPLIED HEALTH
APPLIED PHYSICAL EDUCATION 1 + 2

SCIENCE

APPLIED EARTH & SPACE SCIENCE
APPLIED BIOLOGY
APPLIED ICP

SERVICE & CAREER

APPLIED BASIC SKILLS
APPLIED CAREER INFORMATION
APPLIED CAREER EXPLORATION INTERNSHIP

SOCIAL STUDIES

APPLIED GEOGRAPHY
APPLIED HISTORY OF THE WORLD
APPLIED US HISTORY
APPLIED ECONOMICS
APPLIED US GOVERNMENT

ELECTIVES

MUSIC
ART
MEDIA
OTHER

Additional Special Education Courses

BASIC SKILLS DEVELOPMENT

9 10 11 12

IDOE #0500 (BSD 9-12) **S0500**
Semester/1.0 Credit
Prerequisite: Placement by Teacher of Record
Content: Instruction designed to support student success in their academic coursework. Learning to understand one's self and learning to deal with everyday problems. Focuses on the knowledge, skills, and attitude needed for success with a task in the classroom, at a job, and within the community.
Activities: Individual and group work.
Out-of-Class Time Required: Minimal
Evaluation: Tests, projects, individual progress, activities and effort.

Visual Arts

Civic Arts Career Pathways CTE Concentrators

VISUAL ARTS GRADUATION PATHWAY

*Students must also complete Principles of Business Management in addition to the courses listed.

9TH/10TH GRADE
Intro to 2D Art
AND
Sculpture 1

→

10TH/11TH GRADE
2 Semesters of a 2D Art Class
Drawing
Printmaking
Painting
Photography
Digital Design
AP Art History
AP Drawing
IB Studio Art

→

11TH/12TH GRADE
2 Semesters of a 3D Art Class
Ceramics
Jewelry
Sculpture 2
AP 3D Studio Art

→

12TH GRADE
Internship or Work Study
with one of our select community partners

INTRODUCTION TO TWO DIMENSIONAL ART

9 10 11 12

IDOE #4000 (2D ART) **A4000**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: This beginner-friendly course explores a wide range of 2D art mediums, regardless of skill level. Projects cover fundamental skills and the opportunity to apply them in creative, personally-relevant ways. Art history is examined through the lens of a different artist every day. A fresh look at the elements and principles informs every project. This is an ideal environment for curiosity, creativity, investigation and play.
Activities: A variety of 2D media projects including painting, drawing, photography, printmaking, animation, collage and more. Discussions centered on a new artist every day.
Out of Class Time Required: 1/2 hour per week.
Evaluation: Self-reflection, group critiques, artist statements and completion of projects

CERAMICS 1

9 10 11 12

IDOE #4040 (CERAMICS I) **A40401**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: Exploration of methods, skills, and techniques of pottery construction.
Activities: Variety of methods of working with clay. Art History will be applied to each problem as a way to see how artists develop quality work. Students will learn through verbal and written communication.
Out-of-Class Time required: Two hours per week.
Evaluation: Individual, group critiques, written self-evaluation/artist statements, written tests, daily motivation, participation and growth, as well as completion of all work.

CERAMICS 2

10 11 12

IDOE #4040 (CERAMICS II) **A40402**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: Ceramics 1
Content: Refinement and expansion of exploration of methods, skills, and techniques of pottery construction begun in Ceramics 1.
Activities: Variety of methods of working with clay. Art History will be applied to each problem as a way to see how artists develop quality work. Students will learn through verbal and written communication. Highly recommended for those who plan to continue the study of art upon graduation.
Out-of-Class Time Required: Two to three hours per week.
Evaluation: Individual, group critiques, written self-evaluation/artist statements, written tests, daily motivation, participation and growth, as well as completion of all work.

DIGITAL DESIGN 1

9 10 11 12

IDOE #4082 (DIG DESIGN I) **A40821**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: Exploration of digital design programs and how they apply to digital art.
Activities: This course is a project-based course that explores art history, technology and inventions by creating with different tools and techniques including Photoshop and Illustrator to create 2D print media. Students will also create both vector and raster-based graphics in visual design and develop an aesthetic understanding of basic design through the creation of a portfolio.
Out-Of-Class Time Required: One to two hours average per week.
Evaluation: Individual/Group Critiques, written/online self-evaluations, daily participation, completion and execution of work.

DIGITAL DESIGN 2

10 11 12

IDOE #4082 (DIG DESIGN II) **A40822**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Digital Design 1

Content: Continue building an understanding of digital art and design using Photoshop, Illustrator, InDesign and 3D modeling programs.

Activities: Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. They incorporate desktop publishing, digitized imagery, computer animation, and web design. Students reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration. Students identify art-related careers.

Out-Of-Class Time Required: More extensive projects will require one to two hours outside of class.

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

DIGITAL DESIGN 3

11 12

IDOE #4082 (DIG DESIGN III) **A40823**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Digital Design 1 and Digital Design 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

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

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

DIGITAL DESIGN 4

12

IDOE #4082 (DIG DESIGN IV) **A40824**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Digital Design 1, Digital Design 2, and Digital Design 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

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

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

DRAWING 1

9 10 11 12

IDOE #4060 (DRAWING I) **A40601**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Content: Exploration of drawing fundamentals from traditional to contemporary.

Activities: Students will explore the fundamentals of seeing, sketching and drawing through a variety of approaches and media. Techniques like creating the illusion of shadow, depth and perspective will be covered as well as surrealism, observation and non-traditional approaches. Materials include graphite, ink, pastel, colored pencil and chocolate sauce. This course serves as a wide-ranging survey of drawing styles and techniques so students can ultimately identify and develop their own personal aesthetic. Art history and modern culture will be applied throughout. This is a highly recommended foundation for all art related curricula.

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

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

DRAWING 2

10 11 12

IDOE #4060 (DRAWING II) **A40602**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Drawing 1

Content: Expansion of skills, techniques, and visual vocabulary learned in Drawing 1 concentrating on expression of idea and storytelling through composition and materials. Highly recommended for those who plan to continue to study art upon graduation.

Activities: Students will use sketchbooks for developing and researching drawing techniques and themes, then create and present portfolio quality work using advanced materials and tools. Written artist reviews and gallery visits will be required four times per semester. Art history will be applied to each problem as a way to see how artists develop themes (ideas) and solve composition. Students will assess art through verbal and written communication.

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

Evaluation: Individual, group critiques, written self-evaluations, written tests, daily motivation, participation and growth, as well as completion of work.

ADVANCED PLACEMENT **DRAWING** 10 11 12

IDOE #4048 (ART DRP AP) **A4048**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: Drawing 1 and Drawing 2
Content: AP Drawing spends the year building a portfolio of college-level work with an emphasis on artistic investigation, concept and breadth. Traditional techniques like composition, surface manipulation, line quality and rendering are explored in new ways to expand skill and creativity.
Activities: Building a drawing portfolio of your best work yet, peer critiques, preparing for portfolio evaluation.
Out-of-Class Time Required: One to two hours per week.
Evaluation: Portfolio of college-level work that focuses on sustained investigation and selected works.

JEWELRY 1 10 11 12

IDOE #4042 (JWLRY I) **A40421**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: Students design and create works of jewelry utilizing various fabrication techniques. These include sawing, piercing, filing, and soldering.
Activities: Students will design and make jewelry using both hot and cold processes. Cold processes include hand-built assemblies including tool-formed work (bent wire, chasing, repoussage, beading, riveting, found object assembly). Hot processes include kiln-fired and torch work. They will use a variety of techniques as well as materials.
Out-of-Class Time Required: Two hours per week.
Evaluation: Individual, group critiques, written self-evaluations, written tests, daily motivation, participation and growth, as well as completion of work.

JEWELRY 2 10 11 12

IDOE #4042 (JWLRY II) **A40422**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: C- or higher in Jewelry 1
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

IDOE #4042 (JWLRY III) **A40423**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: C- or higher Jewelry 1 and Jewelry 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher.
Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.
Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.
Out-of-Class Time Required: Two to three hours per week.
Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

JEWELRY 4 12

IDOE #4042 (JWLRY IV) **A40424**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: C- or higher in Jewelry 1, Jewelry 2, and Jewelry 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher.
Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.
Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.
Out-of-Class Time Required: Two to three hours per week.
Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

PAINTING 1

9 10 11 12

IDOE #4064 (PAINTING I) **A40641**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Content: Development of composition and study of color and light.

Activities: Exploration of a variety of materials and techniques (oil stick, acrylic paints, water colors). Art theory and art history (ranging from historic art masters of the world to living and working contemporary artists) will be explored as a means to introduce various techniques, styles, processes, and concepts to all art work. Students will learn to assess art through verbal and written communication. Students will be asked to demonstrate technical understanding and creativity through a variety of projects, structured around the Elements of Art and Principles of Design.

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

Evaluation: Individual, group critiques, written self-evaluations/artist statements, written tests, daily motivation, participation, effort, and growth, as well as completion of work.

PAINTING 2

10 11 12

IDOE #4064 (PAINTING II) **A40642**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Painting 1

Content: Refinement of skills and techniques begun in Painting 1.

Activities: Expression of ideas through paint media on a variety of surfaces and forms. Written artist reviews and gallery visits will be required. Art History will be applied to each problem as a way to see how artists develop quality work. Students will learn to assess art through verbal and written communication.

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

Evaluation: Individual, group critiques, written self-evaluations, written tests, daily motivation, participation, and growth, as well as completion of work.

PAINTING 3

11 12

IDOE #4064 (PAINTING III) **A40643**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Painting 1 and Painting 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

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

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

PAINTING 4

12

IDOE #4064 (PAINTING IV) **A40644**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Painting 1, Painting 2, and Painting 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.

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

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

PRINCIPLES OF DIGITAL DESIGN

9 10 11 12

IDOE #7140 (PRIN DIG DES) **A7140**

Semester/1.0 Credit (Weighted Grade)

This course counts towards an Academic Honors Diploma.

This course can be taken for Dual Credit.

Content: Basic photography for beginners.

Activities: Film developing, printing, enlarging, photograms, digital photography with emphasis on composition

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

Evaluation: Individual, group critiques, written self-evaluations, written exams, daily motivation, participation and growth, as well as completion of work.

PROFESSIONAL PHOTOGRAPHY & VIDEOGRAPHY

9 10 11 12

IDOE #7136 (PRO PHOTO/VID) **A7136**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: C or higher in Photography 1.
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: One hour per week.
Evaluation: Individual completion of projects that encompass studio work, photo journalism, site photography, and product photography.

PHOTOGRAPHY 3

10 11 12

IDOE #4062 (PHOTOGRPH III) **A40623**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Prerequisite: C or higher in Photography 1 and Photography 2.
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: One hour 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

10 11 12

IDOE #4062 (PHOTOGRPH IV) **A40624**
Semester/1.0 Credit (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Prerequisite: C or higher in Photography 1, Photography 2, and Photography 3.
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. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.
Out-of-Class Time Required: Two hours per week.
Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

PRINTMAKING 1

9 10 11 12

IDOE #4066 (PRNTMKG I) **A40661**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Content: A creative exploration of printmaking techniques. This hands-on class examines the roles of print in culture and history by making and doing. Fundamental skills are played with in a variety of open-ended projects, including designing and printing your own shirt.
Activities: Traditional and non-traditional techniques like stamp carving, screen printing, spray paint stenciling, intaglio, monoprinting, photo manipulation.
Out-of-Class Time Required: 1/2 hour per week.
Evaluation: Self-reflection, group critiques, artist statements and completion of projects

PRINTMAKING 2

10 11 12

IDOE #4066 (PRNTMKG II) **A40662**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: Printmaking 1
Content: Reinforcement and growth of skills begun in Printmaking 1.
Activities: This class will build upon the skills gained in Printmaking 1 and further develop a personal aesthetic within the medium. Students will have the opportunity to work on larger printing plates and with more advanced methods, including mixed media, textiles and multiple color editions. Art history will be applied to every problem as a way of seeing how other printmakers develop quality work. Safety and mindfulness remain the highest priority.
Out-of-Class Time Required: 1/2 hour per week.
Evaluation: Individual projects, group critiques, written self-evaluations, daily participation, development of personal aesthetic and completion of work.

PRINTMAKING 3

11 12

IDOE #4066 (PRNTMKG III) **A40663**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Printmaking 1 and Printmaking 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher.

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: One hour per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

PRINTMAKING 4

12

IDOE #4066 (PRNTMKG IV) **A40664**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Printmaking 1, Printmaking 2, and Printmaking 3 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher.

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: One hour per week.

Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

SCULPTURE 1

9 10 11 12

IDOE #4044 (SCULPT I) **A40441**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Content: Understanding design elements and principles through 3D form.

Activities: This is an introduction to 3D art which explores the materials and processes used in manipulating, modeling, forming, and assemblage (plaster, paper, glass, papier-mâché, clay, wood, wire, various found objects, etc.). *It is recommended for grades 10-12 due to the sophisticated cutting tools used in production. Art theory and art history (ranging from historic art masters of the world to living and working contemporary artists) will be explored as a means to introduce various techniques, styles, processes, and concepts to all artwork. Students will learn to assess art through verbal and written communication.

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

Evaluation: Individual, group critiques, written self-evaluations/artist statements, written tests, daily motivation, participation, effort, and growth, as well as completion of work.

SCULPTURE 2

10 11 12

IDOE #4044 (SCULPT II) **A40442**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Sculpture 1

Content: Refinement of skills and materials used to explore 3-D form in Sculpture 1

Activities: Expression of ideas through form by carving, casting, modeling, assemblage, and forming (glass, clay, wood, wire, and various found objects/mixed media). Skills learned in Sculpture 1 will be expanded upon, new materials will be explored and combined into different works, and students will produce more work at a faster pace all leading to the end goal of developing a unique artistic style. Art History will be applied to each problem as a way to see how artists develop quality work. Students will learn through verbal and written communication. Highly recommended for those who plan to continue the study of art upon graduation.

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

Evaluation: Individual, group critiques, written self-evaluation/artist statements, written tests, daily motivation, participation and growth, as well as completion of work.

SCULPTURE 3

10 11 12

IDOE #4044 (SCULPT III) **A40443**

Semester/1.0 Credit

This course counts towards an Academic Honors Diploma.

Prerequisite: Sculpture 1 and Sculpture 2. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher.

Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.

Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for

those who plan to continue the study of art upon graduation and/or the pursuit of an art career.
Out-of-Class Time Required: Two to three hours per week.
Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

SCULPTURE 4

10 11 12

IDOE #4044 (SCULPT IV) **A40444**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: Sculpture 1, Sculpture 2, and Sculpture 3. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher.
Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.
Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.
Out-of-Class Time Required: Two to three hours per week.
Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

VISUAL COMMUNICATION 1

10 11 12

IDOE #4086 (VIS COMM I) **A40861**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: Digital Design 1
Content: Visually communicating ideas through graphic design, video and print media.
Activities: Students will explore how ideas are shared visually in society through graphic design, filmmaking, fashion, gaming, advertising and beyond. Students will use digital means (video Adobe Illustrator & Photoshop) and traditional tools (drawing, painting, collage) to communicate complex ideas as efficiently and effectively as possible. Daily discussion will examine the intersection between human behavior, creative expression, and cultural literacy all through the lens of sociology and art history. Projects will challenge students to think creatively and solve design issues faced by humans across the planet.
Out-of-Class Time Required: Approximately one hour per week.
Evaluation: Individual and group projects, critiques, written evaluations, daily participation, personal growth, and completion of work.

VISUAL COMMUNICATION 2

10 11 12

IDOE #4086 (VIS COMM II) **A40862**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: Visual Communication 1
Content: Expansion of skills, techniques and themes learned in Visual Communications 1, concentrating on effective visual communications for print and video media.
Activities: Students will further explore creative methods of using modern and traditional media to transmit ideas. Individual and group projects will investigate advertising, filmmaking, game design and public art. Students will use Adobe Illustrator, Photoshop, video editing, drawing and painting to simplify complex narratives, ideas and concepts. Art history and psychology will be examined daily through research and discussion to understand how artists solve the challenge of conveying complex meanings in the simplest visual means possible. Projects will emphasize creativity, efficient communication and cultural literacy.
Out-of-Class Time Required: Approximately one hour per week.
Evaluation: Individual and group projects, critiques, written evaluations, daily participation, personal growth, and completion of work.

VISUAL COMMUNICATION 3

11 12

IDOE #4086 (VIS COMM III) **A40863**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: Visual Communication 1 and Visual Communication 2 with teacher approval. Students will create a prepared plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.
Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1 and 2 courses.
Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.
Out-of-Class Time Required: Two to three hours per week.
Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

VISUAL COMMUNICATION 4

12

IDOE #4086 (VIS COMM IV) **A40864**
Semester/1.0 Credit
This course counts towards an Academic Honors Diploma.
Prerequisite: Visual Communication 1, Visual Communication 2, and Visual Communication 3 with teacher approval. Students will create a prepared

plan as to their desired course of study to be reviewed and approved by the teacher. Completed Independent Study permission form is required.
Content: Further refinement and expansion of exploration of skills, methods, techniques, and themes from level 1, 2 and 3 courses.
Activities: Further exploration of the subject area. Art History will be applied within the course as a means to reflect on how artists develop quality work. Students will learn through both verbal and written communication with instructor, as well as studio production. Highly recommended for those who plan to continue the study of art upon graduation and/or the pursuit of an art career.
Out-of-Class Time Required: Two to three hours per week.
Evaluation: One-on-one critique with instructor, written self-evaluations/artist statements, artist research, daily motivation, participation and growth, as well as completion of all work, and preparation for exhibition of work.

ADVANCED PLACEMENT **ART HISTORY** 9 10 11 12

IDOE #4025 (AP ART HIST) **A4025**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: There are no prerequisites for AP Art History. Students who have been successful in humanities courses, such as history and literature, or in studio art courses are especially encouraged to enroll since those experiences will likely support and enrich the context of the art history course.
Content: The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. The study of art history invites students to discover the diversity in and connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts. Students research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.
Activities: Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history.
Out-of-Class Time Required: Three to five hours per week.
Evaluation: AP Art History exam

ADVANCED PLACEMENT **3D STUDIO ART** 10 11 12

IDOE #4052 (ART 3D AP) **A4052**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: Ceramics 1 and Ceramics 2 OR Sculpture 1 and Sculpture 2
Content: AP 3D Studio builds a portfolio of college-level work with an emphasis on artistic investigation, concept and breadth. Traditional 3D techniques in ceramics (hand building, throwing, slab construction, etc.) and sculpture (found object, assemblage, freeform building, etc.) are explored in new ways to expand skill and creativity.
Activities: Building a 3D portfolio of your best work yet, peer critiques, preparing for portfolio evaluation.
Out-of-Class Time Required: One to two hours per week.
Evaluation: Portfolio review of college-level work that focuses on sustained investigation and selected works.

IB FILM - STANDARD LEVEL 11 12

IDOE #4272 (IB FILM SL) **A4272**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

IB FILM - HIGHER LEVEL 11 12

IDOE #4270 (IB FILM HL 1) **A42701 (11) / A42702 (12)**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

IB VISUAL ARTS - STANDARD LEVEL 11 12

IDOE #4092 (IB VIS ART SL) **A4092**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

IB VISUAL ARTS - HIGHER LEVEL 11 12

IDOE #4090 (IB VIS ART 1 HL / IB VIS ART 2 HL) **A40901 (11) / A40902 (12)**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

World Language

GUIDELINES

All weighted grades need to be a C- or above to receive the additional point.
Students who do not successfully complete the first semester with a passing grade will not be eligible to continue.

FRENCH 1

9 10 11 12

IDOE #2020 (FREN I) **W2020**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Content: Development of basic skills involved in speaking, reading, and writing in the French language. Much emphasis on the cultural aspects of the French people as well as the language itself and its structure. Supplementary learning aids include audio recordings, magazines, music, films and Internet.
Activities: Vocabulary and grammar learned through dialogues and drills, skits, conversations, songs, French magazines, videos, computer programs.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based on oral and written achievement.

FRENCH 2

9 10 11 12

IDOE #2022 (FREN II) **W2022**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: French 1; students with less than a C- in the previous course must have written teacher approval.
Content: Expansion of the basic skills learned in French 1, with emphasis on the spoken language, original expression, and the structure of the language. Continuing emphasis on cultural aspects of France and current events with regard to the French speaking world. Vocabulary learned by means of the same methods as French 1. Student learns to function in a variety of day to day situations.
Activities: Vocabulary learned through dialogues, stories, drills, plays, songs, Internet, and readings.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based on oral and written proficiency.

FRENCH 3

10 11 12

IDOE #2024 (FREN III) **W2024**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
This course can be taken Dual Credit.
Prerequisite: French 2; students with less than a C- in the previous course must have written teacher approval.
Content: Emphasis on proficiency in speaking, reading and writing and comprehension with special attention given to French civilization culture. Continuing emphasis on original expression in the language by means of plays, skits, stories some of which will be memorized. Usage of more tenses, geography, cuisine, dating and marriage.
Activities: French as the language of the classroom with emphasis placed on the students' originality in both oral and written French.
Out-of-Class Time Required: Minimum of two to three hours per week.
Evaluation: Based on oral and written proficiency.

FRENCH 4

11 12

IDOE #2026 (FREN IV) **W2026**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken Dual Credit.
Prerequisite: French 3; students with less than a C- in the previous course must have written teacher approval.
Content: Review of all the basic grammar studied and much emphasis on original expression in conversation and written work. There is a continued emphasis on culture and history with an introduction to French literature and stories.
Activities: DVDs, original compositions—both oral and written, geography and maps, history, listening activities, singing, French magazines, Internet, reading, grammar concepts.
Out-of-Class Time Required: Three hours per week.
Evaluation: Tests, both oral and written, and assignments.

IB FRENCH 4 - STANDARD LEVEL

12

IDOE #2308 (IB FRN 4 SL) **W230F4**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

FRENCH 5

12

IDOE #2028 (FRN V) **W2028**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Prerequisite: French 4; with no less than a C- average in French 4.
Content: French history from Viking times to the present, geography and monuments, Impressionism and French art in general, French music, advanced French grammar; French literature and films.
Activities: DVDs, original composition, extended reading of stories/books, written exercises, listening activities, projects, use of Internet
Out-of-Class Time Required: Minimum of three hours per week.
Evaluation: Tests, both oral and written, assignments, presentations, and Integrated Performance Assessments

IB FRENCH 5 - STANDARD LEVEL

12

IDOE #2308 (IB FRN 5 SL) **W230F5**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

GERMAN 1

9 10 11 12

IDOE #2040 (GER I) **W2040**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Content: Development of proficiency in the four basic skills: listening, speaking, reading, and writing. Students learn and practice vocabulary and structures of the language. Emphasis is on communication within a cultural setting. The program depicts every day life, such as family-peer relations, school, free time, dining, visiting, holidays, and social customs.
Activities: Students will listen to native Germans, view films on German speaking countries and people, prepare short skits, practice vocabulary and grammar with oral and written activities, use of Internet activities and computer programs.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

GERMAN 2

9 10 11 12

IDOE #2042 (GER II) **W2042**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: German 1; students with less than a C- in the previous course must have written teacher approval.
Content: Continued expansion of the basic skills of listening, speaking, reading and writing. Grammar presented in German 1 will be reviewed and new grammar introduced. Conversational topics include descriptions of people, places, and personality traits, cultural and historical stories, geography, history, cultural practices, travel and food. An emphasis on proficiency. Language is constructed and presented through interactive, communication-based lessons in German.
Activities: Whole class and small group communicative activities, collaborative story creation, film and video, original compositions, skits, and games
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

GERMAN 3

10 11 12

IDOE #2044 (GER III) **W2044**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: German 2; students with less than a C- in the previous course must have written teacher approval.
Content: Completion of basic grammar. Emphasis on proficiency in listening, speaking, reading, writing, and telling stories in German. Continued emphasis on original expression in the language. Further expression of opinions, comparing and contrasting the past and present, reading German literature, and exploration of culture and history. An emphasis on proficiency. Language is constructed and presented through interactive, communication-based lessons in German.
Activities: German as the language of the classroom with whole class and small group communicative activities, collaborative story creation, oral presentations, film and video, original compositions, skits, and games.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

GERMAN 4

11 12

IDOE #2046 (GER IV) **W2046**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: German 3; students with less than a C- in the previous course must have written teacher approval.
Content: Review of all the basic grammar from previous years. Introduction of advanced grammar needed for college placement exams. A variety of texts are used to stimulate original expression in conversation and written work. Students read dialogues, short stories, poetry and a longer

historical drama. Topics include wishes, dreams, travel, language needed to travel Europe, theater, and 20th century history.
Activities: German as the language of the classroom with discussions, skits, original compositions, oral presentations, films, videos, CD's, and the Valparaiso University Theater Fest competition.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

IB GERMAN 4 - STANDARD LEVEL (12)

IDOE #2308 (IB GER 4 SL) **W230G4**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

GERMAN 5 (12)

IDOE #2048 (GER V) **W2048**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Prerequisite: German 4; students with less than a C- in the previous course must have written teacher approval.
Content: Advanced Grammar and idiomatic expression; a variety activities and assessments covering Interpretive, Interpersonal, and Presentational aspects of language. Discussion topics include immigration, travel, government & elections, technology & social media, and food & fitness.
Activities: Participation in a German play, discussions based on the above topics, original compositions, letters, journals, films, panel discussions, skits and debates. German as the language of the classroom.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based in interpersonal, interpretive, and presentational skills in the German language in reading, writing, speaking, and listening.

IB GERMAN 5 - STANDARD LEVEL (12)

IDOE #2308 (IB GER 5 SL) **W230G5**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

JAPANESE 1 (9) (10) (11) (12)

IDOE #2060 (JPN I) **W2060**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Content: Development of proficiency in speaking, listening, writing and reading. Emphasis is on communication in culturally appropriate situations. Conversational topics include: greetings, family, everyday activities, the classroom and the lives of Japanese students. Traditional and modern cultural topics are explored.
Activities: Hiragana and katakana phonetic writing systems are introduced, and communicative skills are learned through a variety of engaging activities. Supplementary learning aids included: paired and small group activities, films, interactive technology and other activities.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

JAPANESE 2 (9) (10) (11) (12)

IDOE #2062 (JPN II) **W2062**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Japanese 1; students with less than a C- in the previous course must have written teacher approval.
Content: Emphasis on spoken language and kanji writing system. Refine and expand knowledge and skills gained in level 1. Conversational topics include weekend activities, school life, hobbies, food, travel and shopping.
Activities: Communicative skills developed through stories, writing, interpersonal and interpretive activities, films and conversations with classmates.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

JAPANESE 3 (10) (11) (12)

IDOE #2064 (JPN III) **W2064**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Japanese 2; students with less than a C- in the previous course must have written teacher approval.
Content: Emphasis on proficiency in speaking, reading, listening and writing. Increased use of kanji. Continuing emphasis on original expression in the language. Introduction of casual forms. Some topics covered include: travel in Japan, cuisine, daily family life, fashion, expressing opinions and history. Short literary selections are read.
Activities: Japanese as the language of the classroom with real-life communicative activities, interpersonal activities, original compositions, films and presentations.
Out-of-Class Time Required: Minimum of two to three hours per week.
Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

JAPANESE 4

11 12

IDOE #2066 (JPN IV) **W2066**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: Japanese 3; students with less than a C- in the previous course must have written teacher approval.
Content: Review of all the basic grammar studied. Much emphasis on original expression in conversation and written work. Use of more sophisticated grammar and expressions. The class is conducted in Japanese with a continued emphasis on culture and history. Literary selections and short articles are read. Also, Japanese comedic storytelling, folktales and haiku are introduced.
Activities: Japanese as the language of the classroom with real-life communicative activities, interpersonal activities, original compositions, films and presentations.
Out-of-Class Time Required: Minimum of two to three hours per week.
Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

IB JAPANESE 4 - STANDARD LEVEL

12

IDOE #2308 (IB JPN 4 SL) **W230J4**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

JAPANESE 5

12

IDOE #2068 (JPN V) **W2068**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: Japanese 4; students with less than a C- in the previous course must have written teacher approval.
Content: Introduction of more advanced grammatical structures and review of basic communicative functions. Students will communicate in realistic and varied situations. Course emphasizes correctly utilizing levels of politeness from casual to honorific. Students will read and create various text types. Focus on contemporary Japanese society, current events, pop culture and history.
Activities: Japanese as the language of the classroom with interpersonal activities, projects, films, online resources, and reading articles, stories and authentic materials.
Out-of-Class Time Required: Minimum of two to three hours per week.
Evaluation: Based on interpersonal, interpretive, and presentational proficiency.

IB JAPANESE 5 - STANDARD LEVEL

12

IDOE #2308 (IB JPN 5 SL) **W230J5**
Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

SPANISH 1

9 10 11 12

IDOE #2120 (SPAN I) **W2120**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Content: Basic skills of understanding, speaking, reading and writing in Spanish. Pronunciation stressed and cultural areas introduced.
Activities: Spanish sound system studied; vocabulary learned through drills and dialogues. There is a focus on sentence creation. Supplementary learning aids include: audio recordings, films, CD's, workbooks, paired and small group activities, computer programs, videos and DVDs.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

SPANISH 2

9 10 11 12

IDOE #2122 (SPAN II) **W2122**
Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
Prerequisite: Spanish 1; students with less than a C- in the previous course must have written teacher approval.
Content: Emphasis on spoken and written language and language structure.
Activities: Vocabulary learned through stories and dialogues. There is a focus on writing at the paragraph level. Supplementary learning aids include: films, CD's, paired and small group activities, computer programs, videos and DVDs.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

SPANISH 3

10 11 12

IDOE #2124 (SPAN III) **W2124**

Year/2.0 Credits
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: Spanish 2; students with less than a C- in the previous course must have written teacher approval.
Content: Proficiency developed in areas of listening, speaking, reading and writing, with emphasis on pronunciation and culture. The Spanish grammar survey is continued and literature is introduced. There is a focus on oral proficiency and interpersonal conversational skills.
Activities: Spanish as the language of the classroom. Students work with written exercises and free composition. Originality encouraged in both written and oral Spanish. Activities include paired and small group activities, computer programs, and videos. Short literary selections are read and original skits are presented.
Out-of-Class Time Required: Minimum of two hours per week.
Evaluation: Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

SPANISH 4

11 12

IDOE #2126 (SPAN IV) **W2126**

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
This course can be taken for Dual Credit.
Prerequisite: Spanish 3; students with less than a C- in the previous course must have written teacher approval.
Content: The literature, history, and culture of Spain and Latin America. Review some basic grammar from previous years. Introduction of advanced grammar for college placement exams.
Activities: Short works of famous and contemporary Spanish and Latin-American authors will be studied and discussed. Work with text and teacher-prepared materials. Individual, partner and small group work. Skits, Internet, original compositions. Short and feature-length films relating to Hispanic culture will be viewed and discussed.
Out-of-Class Time Required: Minimum of two to three hours per week.
Evaluation: Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

IB SPANISH 4 - STANDARD LEVEL

12

IDOE #2308 (IB SPAN 4 SL) **W230S4**

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

SPANISH 5

12

IDOE #2128 (SPAN V) **W2128**

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
Prerequisite: Spanish 4; students with less than a C- in the previous course must have written teacher approval.
Content: The literature, history, and culture (traditional and contemporary) of Spain and Latin America. Review of basic grammar and advanced grammar for college placement exams.
Activities: Feature-length films will be viewed and discussed. Short works of famous and new contemporary Spanish and Latin-American authors and artists will be studied and discussed. A variety of different text types will be read and written. Short and feature-length films will be viewed and discussed. Work with text and teacher-prepared materials. Individual, partner and small group work. Internet, original compositions, oral presentations, conversation.
Out-of-Class Time Required: Minimum of two to three hours per week.
Evaluation: Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

ADVANCED PLACEMENT **SPANISH LANGUAGE AND CULTURE**

12

IDOE #2132 (AP SP LANG) **W2132**

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
NOTE: Students are strongly encouraged to take the Advanced Placement Exam given by College Board in May.
Prerequisite: Spanish 4; students with less than a C- in the previous course will not be enrolled.
Content: Develop your Spanish language skills and learn about the cultures in Spanish-speaking parts of the world. You'll practice communicating in Spanish and study real-life materials such as newspaper articles, films, music, and books. Units studied: Families in Different Societies; The Influence of Language and Culture on Identity; Influences of Beauty and Art; How Science and Technology Affect our Lives; Factors that Impact the Quality of Life; Environmental, Political, and Societal Challenges.
Activities: Feature-length films will be viewed and discussed. Short works of famous and new contemporary Spanish and Latin-American authors and artists will be studied and discussed. A variety of different text types will be read and written. Work with text and teacher prepared materials, individual partner, and small group work. Internet, original compositions, oral presentations, conversation.
Out-of-Class Time Required: Two to three hours per week
Evaluation: Based on the three modes of communication (Interpersonal, Interpretive, and Presentational)

IB SPANISH 5 - STANDARD LEVEL

12

IDOE #2308 (IB SPAN 5 SL) **W230S5**

Year/2.0 Credits (Weighted Grade)
This course counts towards an Academic Honors Diploma.
See pages 32-35 for description.

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Revised 12/2025