



**Don Bosco Catholic
High School
2021-2022
Curriculum Guide**

INDEX:

Graduation Requirements	3
Scheduling, Transcript Information and Honor Roll	4
Thinking About Your Future	5
Early Graduation Policies	5
Don Bosco High School Four-Year Plan	5-6
Preparing for College Through High School Courses	7
National Collegiate Athletic Association (NCAA) Information	7
Iowa Board of Regents Admissions Index (RAI)	8
Senior Year Plus Programs - College Credit Courses	8
Adv. Placement, PSEO, Concurrent, and Waterloo Career Center	9
Tips for Taking College-Level Courses in High School	10

DEPARTMENTAL OFFERINGS:

English	11
Theology	13
Mathematics	15
Science	17
Social Studies	18
Foreign Language	19
Business Education & Technology	20
Art	24
Physical Education/Health	25
Music	26
Other Electives	27

Don Bosco Catholic High School Graduation Requirements

Subject	Credits	Information
ENGLISH	9	2.0 ENG 9 2.0 ENG 10 2.0 ENG 11 2.0 ENG 12 OR EQUIVALENT 1.0 SPEECH OR EQUIVALENT
THEOLOGY	8	2.0 THEO I 2.0 THEO II 2.0 THEO III 2.0 THEO IV (*Honors Theology will be offered in Fall semester to Seniors)
MATH	6	2.0 ALGEBRA I 3.0 MATH ELECTIVES 1.0 CONSUMER MATH
SCIENCE	6	2.0 BIOLOGY 2.0 INTEGRATED SCIENCE 2.0 SCIENCE ELECTIVE
SOCIAL STUDIES	6	2.0 WORLD HISTORY 2.0 US HISTORY 1.0 GOVERNMENT 1.0 SOCIAL STUDIES ELECTIVE
PHYSICAL EDUCATION	4	4.0 PE/STRENGTH & CONDITIONING
HEALTH	1	1.0 HEALTH (1 semester)
OTHER REQUIRED	1	1.0 LIFE SKILLS
	41	*1 semester = 1 credit

* It is the ultimate responsibility of the student to ensure he/she meets graduation requirements.

* If required classes are being taken in middle school, students will earn credit towards high school graduation requirements and grades will count towards their high school GPA. Taking advanced levels of required courses such as Concurrent Enrollment/PSEO and Advanced will also count as credit.

***Graduating class of 2021 and beyond must complete: Consumer Math (Personal Finance)**

Must take at least 11 elective credits in any subject to graduate. Total of 52 credits required to graduate.

SCHEDULING INFORMATION:

Planning schedules: Course offering, staff assignments and the master schedule for the following school year are determined by the students' initial request. Based on those requests some courses may not be offered due to not enough students signing up. Four-year academic plans are created in 8th grade that incorporate course selection for students' future college and/or career decisions. In addition to core requirements identified in the plan, electives are a student's area of interest. The plans are reviewed annually.

Students will be required to carry a minimum academic load of 6 classes per semester plus Physical Education. The principal may allow a student to take less than a full load in special situations.

Schedule changes: Student schedule changes must have approval of the school counselor, the teacher(s) involved, the student and the student's parents. **Students will not be allowed to change a class time because they wish to be in a different class with their friends.** Students will have **five school days** to make schedule changes.

Dropping a Course: With the approval of the administration and parents a student may drop a course prior to the **fifth school day** of class in any semester. The dropped course will not affect the student's GPA. Should you drop a class after the fifth day of the semester, you will lose credit for the class and receive a failing grade.

TRANSCRIPT INFORMATION:

High School courses completed prior to 9th grade: Students who have completed courses that meet DBCHS curriculum benchmarks for high school level courses prior to 9th grade will be reflected on the high school transcript, and a letter grade will be given. The letter grade **WILL** be factored into the high school GPA.

Course Retake / Credit Recovery: Students who fail a required course **MUST** retake that course unless the principal assigns another course in its place. As a general rule, students may not retake a course they have passed.

Grade Point Average: DBCHS operates on a non-weighted 4.0 grading scale. The GPA on a report card and transcript will include all courses taken. Only semester grades are used for GPA calculation. The GPA that is listed on PowerSchool "Quick-Lookup" screen is the GPA of that current quarter. In order to identify your cumulative, you will need to download your transcript and it will be located in the lower right-hand section.

HONOR ROLL: The honor roll will be taken at the end of 1st Semester and 2nd Semester

High honors: 3.5 – 4.0

Honors: 3.0 – 3.49

EARLY GRADUATION POLICY: The BCSS Board of Education will recognize a student as being qualified early when the following procedures are followed and completed:

A formal request from the parents/guardian and student is presented to the Bosco System Board of Education through the Principal at a regular Board meeting no later than the end of first semester of the junior year for graduation at the end of the first semester of the senior year. No early graduations before the first semester of the senior year. The request must include the reason why the student is requesting this consideration. The student and parents/guardians accept the following stipulations:

- a. The student has met all the graduation requirements by the taking of courses at DBCHS or at a school from which they have transferred from.
- b. Tuition is paid at a 60% rate of a regular year, if the student attends only one semester of the school year.
- c. All other obligations required of a students for graduation must be completed.
- d. The student may attend Prom, Baccalaureate, and Graduation. He/She may not participate in school activities.
- e. Exceptions from the above conditions would be considered by the Board of Education when accompanied by a written recommendation by the faculty and administration. Approval for Early Graduation is granted by the Board of Education. Their decision is final.

THINKING ABOUT YOUR FUTURE

Students are encouraged to prepare for entry into post-secondary institutions by being proactive in planning for additional testing beyond what the school has. Sophomores and juniors are encouraged to take the [PSAT/NMSQT](#). Taking the PSAT during your Sophomore and Junior year will help in identifying which college entrance exam is best fit for you, either the ACT or SAT.

The ACT (American College Test) and SAT (Scholastic Achievement Test) are optional tests but are required by many colleges and universities for admission. While the vast majority of colleges will accept both tests, the ACT and SAT do differ slightly in what they offer. By taking the PSAT, your scores can be deciphered by your school counselor to help you choose which tests may best fit you.

YOUR FOUR-YEAR PLAN

Students start their 4-year plan in 8th grade guidance class through the [MAPS 4-Year Plan and Interest Surveys](#) and students update their Plans in Life Skills Class in 9th grade. Students are responsible for planning and keeping track of their academic record in high school. As you plan your four-year plan consult with your parents, teachers, and counselor. Check the graduation requirements.

DON BOSCO 4-Year Planning Sheet
Students must take at least 7 classes per semester.

NAME of Student: _____

9TH GRADE CLASSES

Semester 1		Semester 2	
Course	Credit	Course	Credit
English 9	1	English 9	1
Biology	1	Biology	1
World History	1	World History	1
Math	1	Math	1
Theology	1	Theology	1
Life Skills	1	PE	1
Study Hall		Study Hall	
Total Credits Sem. 1 =		Total Credits Sem. 2 =	
TOTAL 9 TH GRADE CREDITS = at least 14 credits			

9th & 10th Graders may consider taking Spanish

10TH GRADE CLASSES

Semester 1		Semester 2	
Course	Credit	Course	Credit
English 10	1	English 10	1
Integ. Science	1	Integ. Science	1
US History Or AP History	1	US History or AP History	1
Math	1	Math	1
Theology	1	Theology	1
Health (10, 11, or 12th)	1	Speech (10,11 or 12 th)	1
Total Credits Sem. 1 =		Total Credits Sem. 2 =	
TOTAL 10 TH GRADE CREDITS = at least 14 credits			

9-12 Math Progression

(All 2 semester classes)

1. Algebra Concepts
2. Algebra I
3. Geometry
4. Algebra 2
5. Pre-Calculus
6. Calculus
7. Real World Math – 1 semester
8. Consumer Math – 1 Semester (Required for all students)

11TH GRADE CLASSES

Semester 1		Semester 2	
Course	Credit	Course	Credit
English 11	1	English 11	1
Science Elective (11 or 12 th Grd)	1	Science Elective (11 or 12 th Grd)	1
Government (11 th or 12 th)	1	Social Studies Elective (10 th , 11 th or 12 th)	1
Math – (Any class) (Consumer Math required to graduate also)	1	Math	1
Theology	1	Theology	1
Total Credits Sem. 1 =		Total Credits Sem. 2 =	
TOTAL 11 TH GRADE CREDITS = at least 14 credits			

12TH GRADE CLASSES

Semester 1		Semester 2	
Course	Credit	Course	Credit
English Comp. or AP Lit	1	English Comp. or AP Lit	1
Theology or Honors Theol.	1	Theology or Honors Theol	1
		PE – If room on schedule	1
Total Credits Sem 1 =		Total Credits Sem 2 =	
TOTAL 12 TH GRADE CREDITS = (College Fund of Oral Comm. Can substitute for speech). (College Western Civ I, II or III can be Social Studies elective)			

PREPARING FOR COLLEGE THROUGH HIGH SCHOOL CLASSES

All four-year colleges have designated course requirements for admission. Many schools expect students to have had 4 years of English, 3 years of Math (Algebra I and II and Geometry), 3 years of Science, 3 years of Social Studies, and 2 years of a Foreign Language.

Expect some variations in entrance requirements among colleges. Iowa's Regent Universities use the Regent Admission Index. It is the student/parent's responsibility to provide the ACT/SAT, or other standardized testing scores to post-secondary institutions.

COURSE & CREDIT RECOMMENDATIONS FOR COLLEGE ENTRANCE:

English – 4 years

Math – 3 years

Science – 3 years

Social Studies – 3 years

Foreign Language – 2 years

Student athletes that have ambitions to play at the NCAA Division I or II level should set up an appointment to meet with the school counselor to discuss their strategy to clearing requirements from the NCAA.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) INFORMATION:

NCAA Eligibility Center/Athletic Requirements: Students who plan to participate in Division I or II college athletics and/or accept an athletic scholarship must register with and be certified by the NCAA Initial Eligibility Center. Students should register with the NCAA Eligibility Center at www.ncaa.org following their junior year of high school. On the following pages, you will find the standards of coursework and test scores to be declared eligible by the NCAA.

Eligibility Center procedures include very specific and detailed guidelines. It is very important that both athletes and parents understand these requirements. Planning for NCAA eligibility must start in the freshman year in order to ensure that the required academic standards are met. It is the responsibility of the student to consult with their counselor, AD, and coach if they intend to apply for NCAA eligibility.

Please remember to list the NCAA Eligibility Center to receive ACT or SAT scores. This is done by listing 9999 as one of the colleges when registering for either the ACT or SAT.

NCAA has strict regulations regarding online learning. See your counselor before enrolling in any course using any online learning system.

For more information go to www.ncaaclearinghouse.net or www.ncaa.org

NCAA Academic Eligibility Requirements

(Source: [register with the NCAA Eligibility Center](#))

IOWA BOARD OF REGENTS: REGENTS ADMISSION INDEX (RAI):

Students from Iowa high schools planning to begin their studies must have a RAI score of at least 245 and take the minimum number of required courses to qualify for automatic admission to Iowa State University, the University of Northern Iowa, and the College of Liberal Arts and Sciences at the University of Iowa.

Students who achieve a score less than 245 will be considered for admission on an individual basis. The index combines four factors that strongly predict success at regent universities: ACT or SAT test score, high school cumulative GPA and number of complete high school core courses.

Regent Admission Index Formula

$$\begin{array}{r} \text{High School GPA} \times 3 \\ + \\ \text{ACT Composite score} \times 3 \\ + \\ \text{Number of core courses in high school in five academic areas} \times 5 \\ = \\ \text{RAI Score} \end{array}$$

Students who are interested in applying to one or more of Iowa's Regent Universities are encouraged to visit the websites of any of these three schools to use the RAI Calculator. This tool allows the student to insert his/her information into the formula and automatically calculates the RAI score.

Source: <http://regents.iowa.gov/RAI/info.html#factors>

SENIOR YEAR PLUS PROGRAMS - COLLEGE CREDIT COURSES

Senior Year Plus (SYP) serves as an umbrella for a variety of programs designed to provide high school students access to courses that have the potential to generate college credit. Waterloo Career Center, Advanced Placement, Concurrent College Classes (Hawkeye College), PSEO College Classes (UNI)

Waterloo Career Center

The [Waterloo Career Center](#) offers many pathways for students to take. Speak with the guidance counselor about the different pathways available and how it may work into your schedule. It is primarily available for juniors and seniors. Sophomores will be considered on a case by case basis. Students will need to provide their own transportation.

AP (ADVANCED PLACEMENT) COURSES TESTING: Advanced Placement is a program of college level courses and examinations available at the high school level. Many colleges and

universities award AP College credits based on students' scores on national AP exams. AP exams are given in May on a national test schedule. All students enrolled in AP courses at the beginning of the second semester have the option of paying for and taking the AP exam. Students who are not enrolled in AP courses may also pay to take the AP exam.

ONLINE AP COURSES: AP courses are available through the Iowa Online AP Academy. Interested students must meet with school counselor and register for online classes in the spring or early summer to be registered for the fall term. For details on the course list visit the [Iowa Online AP Academy](#).

PSEO - POST-SECONDARY ENROLLMENT OPTIONS ACT: This act enables students in grades 11 & 12 or 9th or 10th graders that have been identified as talented and gifted to enroll part-time in nonsectarian courses in eligible postsecondary institutions of higher learning in Iowa if the student meets the institutions' criteria. These courses must not be available to the students in their public high school district. This act is designed to promote rigorous academic pursuits and provide a wider variety of options for students. Very limited options may be available through Waterloo schools and UNI. See Guidance Counselor.

CONCURRENT ENROLLMENT (through Hawkeye College): The concurrent enrollment program allows eligible high school students to expand their academic course offerings by taking college-level courses.

Eligibility:

- Meet Hawkeyes' course requirements for any course requiring prerequisites or placement scores.
- Meet Proficiency scores on Iowa Assessments if the College course is a Liberal Arts Course - alternative means of showing proficiency may be approved by Administration
- Concurrent courses cannot be "comparable" to courses offered in the school district or the school district in which the accredited nonpublic school the student attends is located

Credit: Students will earn both high school and college credit for PSEO courses. Upon completion of the course a grade will be recorded on a Hawkeye transcript.

Enrolling: Students should schedule required high school courses, meet with counselor to determine which college courses they could take and attend Hawkeye registration at Don Bosco.

Request the high school to send transcripts and ACTS scores. Students who have not taken the ACT may take ACCUPLACER assessment at Hawkeye. Students must meet Hawkeye's admission and course requirements as shown.

Tips for Taking College-Level Courses in High School

1. Before you take a college-level course, think about how it will affect your high school connections such as extra-curricular activities or a part-time job. You will want to have enough time for the course and homework.
2. The grades you receive will not only be a part of high school transcript, but college transcript as well.
3. Your high school and college calendars may be different. This means even though you don't have high school classes, you may still have to go to your college class.
4. If you have to pay for some of the classes, make sure you know all of the costs (such as tuition, fees, books, and supplies) ahead of time.
5. Make sure you set aside enough time for college homework. May get more than your used to.

Find out how your college credits will transfer into your major at your next college or university. For more information about taking classes see your counselor.

DON BOSCO CATHOLIC HIGH SCHOOL 2021-2022 Course Offerings

ENGLISH

Each course in the curriculum has its own particular focus. All required courses integrate the development of skills in these areas, including technology, methods, and activities appropriate to the concept being taught. They also include an independent reading component. All four years of the program must be taken in sequence. If more than one senior course is offered during senior year, students must choose one of the senior courses and may also choose to take the other as an English elective. Speech is a requirement for graduation and may be taken any time during their sophomore through senior year. One creative writing course may be taken as an English elective.

English 9 2 semesters (2 credits)

Focus: Literary Types and Composition

Composition focus is on grammar, vocabulary development, correct usage and mechanics, and sentence development. Students will develop the writing process through many types of writing including poetry, short stories, research papers, and critical analysis. Literary emphasis is on tolerance of others and compassion through various types of literature, as well as literary terms and concepts. Students will be introduced to Shakespeare through *Romeo and Juliet*. Other novels will be incorporated into the curriculum also to increase understanding of literary concepts and the world around them.

English 10 2 semesters (2 credits)

Focus: Literary Genre and Composition

The focus of literature is on reading various literary types and extending literacy skills in comprehension, analysis, interpretation, and style. Composition emphasizes vocabulary development, paragraph development, and correct usage, including grammar. Students will compose a research paper, short story, poetry, and other genres of writing.

English 11 2 semesters (2 credits)

Focus: American Literature and Composition

Major American authors and literary types are studied with an emphasis on diverse authors and cultures of American literature. The focus in composition is on the structure of the

five-paragraph essay for critical writing for both literary and personal purposes. There is also a research component and an emphasis on building vocabulary and reading for college.

Literature and Composition (2 credits)

This class is an analysis of selected works of literature and composition for seniors. Composition has a focus on the three-part structure of the essay; includes descriptive writing, personal writing, character sketch, comparison and contrast, persuasion, critical review, and the research paper. Several papers will be written. Literature will include a blend of selections from classic world literature and also more contemporary works from the United States and around the world. Some possible inclusions are *The Iliad*, *Animal Farm*, *I am Malala*, *The Art of Racing in the Rain*, and *The Girl in the Blue Coat*. The class includes an independent reading component.

*This class will be offered in years when only one Senior English course is available.

AP (Advanced Placement) Composition and Literature (2 credits)

Advanced Placement English Literature and Composition is a grade 12 course with **an emphasis on literary analysis**. Students will be assessed on their ability to effectively and cogently communicate their ideas about what they read, both **orally and in writing**. **The course will focus on two overarching areas: Interpretation of complex texts (poems, plays, short stories, and novels) and the technical aspects of writing**

Speech 1 semester (a required class) (1 credit)

Must be taken by end of senior year. Offered to grades 10-12

Provides students with the opportunity to expand their communication and listening skills through a variety of exercises designed to enhance concentration, speaking, interpretation, and presentation. Students will study both verbal and nonverbal language. Students will have the opportunity to perform a variety of speeches. Emphasis will be on individual student progress and the enhancement of their communication skills and abilities.

Creative Writing 1 semester (1 credit)

ELECTIVE offered to students 9-12

This course will follow the writing process from start to finish pre-writing, composing, evaluation, revising, editing, and publishing. Standard grammar, usage, and punctuation will be expected. Students will have the opportunity to explore their own writing interests and subjects in stories, poetry, drama, and other forms of writing. Journaling will be done daily. Students will explore a variety of writing concepts.

THEOLOGY

Students are required to take Theology every semester.

Theology I 2 semesters (2 credits)

Jesus Christ: God's Revelation to the World provides a map for freshmen students to navigate the salvific work of God—Father, Son, and Spirit—in forming a People, giving a Law, and preparing for the Messiah. Tracing the stages of Salvation History, this course introduces key figures, events, vocabulary, and doctrine. While this is a study of both the Old and New Testaments, it begins by centering on the nature of God and a person's natural instinct to search for God.

Jesus Christ: His Mission and Ministry deepens the study of Jesus, highlighting key events in his earthly ministry while unpacking his teachings about God the Father, the Trinity, Mary, and the Holy Spirit. Students learn that the goal of discipleship is a life of grace and holiness and a share of God's everlasting Kingdom. *Jesus Christ: His Mission and Ministry* encourages a course of action and calls on teens to "pick up their cross" and follow the Lord in this life and beyond

Theology II 2 semesters (2 credits)

Jesus Christ: Source of our Salvation offers three important explorations in this text: "1) methods for investigating and understanding all that God has done for us through his Son, Jesus Christ – the story of our Redemption that is accomplished through the Paschal Mystery; 2) suggestions for answering God's call to each of us for an intimate relationship with him through our deepening practice of prayer; 3) ways to practice discipleship, including adherence to all that Christ taught, service to the poor and marginalized, and fulfilling the responsibility for the mission of evangelization."

The Church Our Story investigates issues of Catholic Tradition, mission and practice. Beginning with Church documents, this text initiates a search into the meaning and definition of Church. One vital area that is explored is a number of chapters that investigate the models of Church that helps define what Church is. These chapters are rich with terms and their definitions that help students to understand the "language" of Church used by Catholics today.

Theology III 2 semesters (2 credits)

Meeting Jesus in the Sacraments explores the depth of sacraments and their grace as Jesus present to us today. The Paschal Mystery of Christ is critical in understanding the essence of the sacraments. Each sacrament is traceable to Jesus Christ who instituted each of them. In every sacrament, the saving actions of Christ are made present. Catholics are called through this sacramental life to live out our relationship with Jesus Christ together in a community that is grounded in them.

Your Life in Christ presents a comprehensive survey of Catholic morality that involves the quest to be responsible, both as individuals and communities. Looking at how our life in Christ should be lived in conscience formation, making moral decisions, and acting out of love for God and

respect for justice and truth, this text raises some of the most interesting issues of catechesis. Learning our way around living with honesty and integrity in God's grace is truly an integral part of our faith growth into maturity.

Theology IV 2 semesters (2 credits)

Catholic Social Teaching:

This course dives into the Church's view of human dignity of mankind in economic and political structures of the modern world. This course takes a particular dive into St. John Paul II's understanding of human dignity in his anthropology of what it mean for man to live together in harmony through the *Catholic Social Teaching Compendium* of the Catholic Church.

Honors Theology 2 semesters (2 credits)

Offered to seniors who have achieved a B+ or better during the 1st semester of Theology III AND Teacher Approval

Basic Catholic Apologetics: This course is a seminar-style elective dealing with issues that make us "catholic" (universal), and that provide us with our Catholic identity. Topics to be covered may vary, but we will seek to include the following: continuity of Catholic teaching (from the early Church to the present day); an historical examination of Jesus in conjunction with the Trinity; the development of the Church as building and its relationship to worship; Mary; salvation and the afterlife (heaven, hell, purgatory); the sacraments (specifically Baptism, Reconciliation, Eucharist and Holy Orders); and Catholicism and Fundamentalism. Some of these issues you may have studied previously, but they will be covered in depth in this course. Each doctrinal topic will be approached in a way that will add depth and clarity to student understanding of that particular doctrine, as well as the ability to express that understanding.

Service Projects All Theology Classes

The expectation is for all Don Bosco students to be involved in various experiences of serving others during their time at Don Bosco Catholic High School. Service experiences provide steps toward further involvement in the work of Jesus Christ. Involvement in service experiences helps to clarify the real concerns Jesus had for justice, peace, and care for all as our brothers and sisters. To that end, students are offered a variety of service experiences primarily through theology classes and campus ministry efforts, but also in response to the call that comes from needs that we become aware of.

In the past, students have been involved in sending boxes to students in areas of Nicaragua, a food drive for the Catholic Worker House and the Northeast Iowa Food Bank, help for a school damaged by storms in Zimbabwe, and a Do Something Trip to help a home for Native American children who can no longer live safely in their homes in Minnesota. In addition, trips to the Appalachians to work for people in need of help during spring break, and to Guatemala this summer to serve people in need. Students have also had individual service experiences, which they took to the student body for help. The search for ways to be involved in Jesus' call to serve others is a central goal for the Don Bosco Catholic School community.

MATH

All students must have a minimum of 6 credits to graduate. Keep in mind many colleges require a minimum of Algebra I, Geometry, and Algebra II.

Algebra Concepts 2 semesters (2 credits)

This course reviews basic principles of mathematics. The aim is to improve basic skills and methods of application, and to develop reasoning skills and computational skills to prepare students to succeed in Algebra I. **Graphing calculators are required.**

Algebra I 2 semesters (2 credits)

The course covers rational and real numbers, equations with one and two variables, inequalities, and polynomials. Logical reasoning and problem solving are emphasized. An introduction to relations and functions is included. **Graphing calculators are required.**

Geometry 2 semesters (2 credits)

Prerequisite: Algebra I

This course covers the basics of classic geometry including the study of lines, angles, polygons, circles, and proofs. Other topics include three-dimensional geometry; area and volume coordinate geometry, and trigonometry. Algebra is integrated throughout the course. **Graphing calculators required.**

Algebra II 2 semesters (2 credits)

Prerequisite: Geometry

This course is an extension of Algebra I. Further techniques for solving quadratic equations are studied. Factoring, problem solving, inequalities, and solving systems of equations are also studied. This course is recommended for all students considering post-secondary education. **Graphing calculators are required.**

Pre-Calculus 2 semesters (2 credits)

Prerequisite: Algebra II

In this course topics previously covered are expanded and studied as interrelated concepts. Sequences, series, and limits are studied, but the chief emphasis is on functions, trigonometry, and conic sections along with a brief introduction to calculus. **Graphing calculators are required.**

Calculus 2 semesters (2 credits)

Prerequisite: Pre-Calculus

Students explore the concept of limit, learn to find derivatives of functions, and use derivatives to solve problems. **Integration is introduced. Graphing calculators are required.**

Consumer Math -Previously titled “Personal Finance”

1 semester (1 credit)

Required started with graduating class of 2021

This one semester class will cover personal finance topics. It will give students the opportunity to learn how to budget their money, make better buying decisions, avoid the pitfalls of using credit, explore options for investing their money and learn basics of insurance and investing. Students will work on simulations where they prepare a budget, pay bills for a family, purchase vehicles, buy various types of insurance, obtain a loan, prepare income tax returns, and other financial activities of a single person or a family would do.

Real World Math

1 semester (1 credit)

Math does play a large part in everyday life. It is a part of almost any career you can imagine. On any given day, you'll need to know how long a drive will take, what to tip a waiter, how large a rug to buy, and how to calculate a discount. *With Real World Math*, you'll get a refresher course in all the basics you need, including:

- Adding and subtracting fractions
- Understanding percentages
- Using ratios
- Finding area and perimeter

You'll learn formulas and shortcuts to help in hundreds of everyday situations, from budgeting and paying bills to shopping, redecorating, preparing taxes, and evaluating loans and other financial instruments. With this easy-to-follow guide, you'll never get stuck on a math problem again! You'll be challenged to think critically about the world while addressing Common Core Math Standards.

SCIENCE

A minimum of 6 credits are required to graduate. Those students planning on attending postsecondary education, more exposure is recommended.

Biology

2 semesters (2 credits)

This general biology course is a study of living things. Topics include life and energy, the scientific method, the cell, evolutionary theory, respiration, photosynthesis, reproduction from the chemical level through the plant and animal levels, plants and animals and their systems.

Integrated Science

2 semesters (2 credits)

Prerequisite: Biology

The first semester is an exploration of the concepts related to physics and motion. The second semester is an exploration of Earth science.

Chemistry 2 semesters (2 credits)

This is an introductory chemistry course intended for college bound students and especially for those interested in a medical profession. Topics covered include measurement and problem solving, matter and energy, writing chemical equations, the mole, atomic structure - how and why bonding occurs, the kinetic-molecular theory and other laws relating to solids, liquids and gases, if time allows students will also be introduced to solutions, reaction rates and chemical equilibrium, acids, bases, and salts.

Physics 2 semesters (2 credits)

Physics is an introductory course in Newton's mechanics. Topics include kinematics in motion, vectors, Newton's laws, friction, and work energy, impulse-momentum, for both translational and rotational motions.

Anatomy and Physiology 2 semesters (2 credits) Prerequisite: Biology

This course takes a systematic approach to human anatomy. Each system is studied individually and then tied together with each preceding system. This includes the following systems: skeletal, muscular, nervous, circulatory, digestive, excretory, reproductive, and the skin. There is special emphasis on the exploratory dissection of a mammalian heart, brain, and fetal pig. Recommended for anyone considering a career in a health profession.

Introduction to Forensic Science 1 semester (1 credit)

Expanding an understanding of the science behind crimes, analyzing physical and biological evidence, blood, criminal profiling and perspective, processing evidence and how to use it in a court of law.

Horticulture 1 semester (1 credit)

Horticulture - A hands on experience

In this introductory class, students will learn the basics of botany, the study of plants. They will put their knowledge to practical use in our greenhouses. Here, they will learn about various plant species, plant propagation techniques and how to grow plants from seed to pot. We will also discuss the various careers in horticulture.

SOCIAL STUDIES

World History 2 semesters (2 credits)
Required of all 9th grade students

This course traces human development down through the centuries so that the student realizes the accomplishments and relationships of various peoples and civilizations. Knowledge of these past events helps us deal intelligently with the events and problems of the present and the future.

US History 2 semesters (2 credits)
Required - 10th - 12th grade

This is a survey of the social, political, and religious events that have shaped the history of the United States. Students will get an understanding of the multi-cultures that have affected U.S. history and see how minorities and women have helped shape our history.

AP United States History 2 semesters (2 credits) (Can take for US History Requirement)

Study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

American Government 1 semester (1 credit)
Required 11th - 12th grade

This is a study designed to give the student a basic working knowledge and understanding of the American system of government. Students will also learn what it takes to become a citizen who is knowledgeable in government and knows the importance of their vote.

AP US Government and Politics 1 semester (1 credit) (Can take for Required Government)

Study the key concepts and institutions of the political system and culture of the United States. You'll read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project.

Economics 1 semester (1 credit)
ELECTIVE open to grades 11 and 12

This course studies the ways people use limited resources to supply their unlimited wants and needs. Both macro and micro economic principles are explored.

Sociology 1 semester (1 credit)
ELECTIVE open to grades 11 and 12

Scientific approach to analysis and understanding of culture, human groups and institutions, personality, self, and social control.

Psychology 1 semester (1 credit)
ELECTIVE open to grades 11 and 12

An introduction to the study of behavior. This course is a general survey of basic concepts, theories, and principles in the field of psychology as understood today. Students will be exposed to such topics as perception, motivation, learning, sleep and dream patterns, memory and thought, life-span development, personality, abnormal behavior and therapy. Students who take this course will better understand and accept themselves and others.

Current Events 1 semester (1 credit)
ELECTIVE open to grades 11 and 12; 10th with Teacher Approval

The objective of this class is to give students a deeper understanding of what is going on in the world. This will make students critical thinkers and give them a chance to take risks and develop their analytical and evaluative skills. Students will research appropriate current events and will present findings to the class giving room for civil debate.

World Geography 1 semester (1 credit)
ELECTIVE open to grades 10-12

This course studies the proper balance of the factors of economic, political, and regional geography in order to help the student understand why people engage in certain activities to earn a living or support life in the various regions of the world. The first semester will deal with the western hemisphere. The second semester will deal with the Eastern Hemisphere. Students will learn the five themes of geography that they will use when learning about different countries in the world.

FOREIGN LANGUAGE

Any college bound student should take a minimum of two years of the same foreign language. Going to a university should consider taking four years.

Spanish 1 2 semesters (2 credits)
ELECTIVE Open 9-11

The successful student will develop a novice-low to intermediate-low proficiency in the language by engaging in a variety of communicative activities that focus on developing reading, writing, speaking, and listening skills in Spanish. In addition, the student will develop cultural awareness

and become prepared to encounter real life situations outside of the classroom through discussions of cultural customs and behavior.

Spanish II 2 semesters (2 credits)

ELECTIVE Open 10-12

Prerequisite: One year of Spanish with a C or above OR Teacher Approval

The successful student will develop a novice-mid to intermediate-mid proficiency in the language by engaging in a variety of communicative activities that focus on developing reading, writing, speaking, and listening skills in Spanish. In addition, the student will develop cultural awareness and become prepared to encounter real life situations outside of the classroom through discussions of cultural customs and behavior. Students will be able to write and speak about the present, as well as past using both preterit and imperfect tenses.

Spanish III 2 semesters (2 credits)

ELECTIVE Open 11-12

Prerequisite: Two years of Spanish with a C or above OR Teacher Approval.

The successful student will develop a novice-high to intermediate-high proficiency in the language by engaging in a variety of communicative activities that focus on developing reading, writing, speaking, and listening skills in Spanish. In addition, the student will develop cultural awareness and become prepared to encounter real life situations outside of the classroom through discussions of cultural customs and behavior. Students will be able to write and speak about the present, past, and future, as well as use the subjunctive and imperative moods to communicate.

Spanish IV 2 semesters (2 credits)

ELECTIVE: Open to 12

Prerequisite: Three years of Spanish with a C or above OR Teacher Approval.

The successful student will develop a novice-high to advanced-low proficiency in the language by engaging in a variety of communicative activities that focus on developing reading, writing, speaking, and listening skills in Spanish. In addition, the student will develop cultural awareness and become prepared to encounter real life situations outside of the classroom through discussions of cultural customs and behavior. Students will build on previous grammatical knowledge of the present, past, and future tenses, as well as subjunctive and imperative moods. They will also be able to speak and write using the conditional, present perfect, past perfect, future perfect, and imperfect subjunctive. Novels will be read and analyzed in Spanish.

BUSINESS EDUCATION AND TECHNOLOGY

Intro to Business 1 semester (1 credit)

ELECTIVE Open to 9-12

For students considering further study in business in college or students unsure of their future plans. This course explains the role of business in our present-day economic system and looks at the role of consumers in our free enterprise system. This course deals with more than “business” we also will participate in career research, investments, and consumer behaviors.

Students will:

1. Understand the role of business in our society
2. Gain knowledge into effective management strategies
3. General business knowledge
4. Know rights and responsibilities of consumer

Accounting I 1 semester (1 credit)
ELECTIVE Open 9-12

For students considering careers in business, this course provides background for a variety of career objectives. All Business Colleges will require at least Managerial and Financial Accounting to graduate. Accounting is referred to as the language of business, but all people use knowledge of accounting in personal finance activities. Understanding the accounting cycle is the basis of a first-year accounting course.

Students will:

1. Know the importance of retaining personal records.
2. Record transactions for small- and medium-sized businesses
3. Write checks, keep a check register, and reconcile bank statements
4. Understand common accounting principles and terminology
5. Keep records for a service business set up as a sole proprietorship

Accounting II 1 semester (1 credit)
ELECTIVE Open 9-12
Prerequisite: Accounting I

Accounting II is a continuation of Accounting I. The emphasis changes to accounting for a merchandising business instead of a service business. In this class we will begin working with payroll and tax accounting. For students pursuing a business career this class is highly recommended in preparation for college accounting courses that will be required.

Students will:

1. Figure payroll and payroll deductions
2. Use different methods to figure and record depreciation
3. Handle end-of-period financial reporting for businesses
4. Use multiple methods to determine the value of inventory
5. Keep records for a merchandising business set-up as a partnership

Accounting III 1 semester (1 credit)
ELECTIVE Open to 10-12
Prerequisite: Accounting II

Accounting III is advanced course designed for students who want to major in accounting or pursue a career in the business world, and/or for students who would like to use accounting for their own business or family business after high school.

Students will:

1. Create and format a resume and cover letter
2. Record transactions and complete financial statements
3. Practice procedures for figuring and recording payroll, including employee benefits: vacation, personal leave, and sick leave.
4. Use various methods for figuring depreciation and recording disposal of assets
5. Learn various methods of valuing inventory

Business Law 1 semester (1 credit)
ELECTIVE Open to 11-12 OR 10th with Teacher Approval
Prerequisite: Intro to Business

Business law is that part of our legal code with which most people have the greatest amount of contact. Business law touches on so many facets of our varied roles as citizens, workers, and consumers. Understanding it is an essential life skill. This course will make students more conscious of their need to respect the law in return for protection of their lives and property.

Students will:

1. Understand how the law affects them on a day to day basis
2. Know the history of our law code
3. See how the law has evolved over time and with the changes in technology
4. Know their rights and responsibilities in society
5. Recognize different types of law and understand why the law is enforced the way it is
6. Understand how juveniles are affected by laws

Entrepreneurship 1 semester (1 credit)

Are you a student yearning to land a career in the business world? Perhaps you can envision yourself operating your own business one day. Or maybe you're still trying to figure it out. Whatever your situation - this class just might be the perfect fit!

Come join me in the classroom and even on a field trip or two learning about what it takes to make the leap of faith so many local entrepreneurs do! We'll engage with area businesses to get

real insight on how they took an idea and turned it into profit. If you're interested in transitioning your learning from white boards and textbooks to real people and experiences sign up for Entrepreneurship

CAPS 1 semester (3 credits)

Grade(s): 11, 12

Prerequisites: Department approval, good attendance record and academic standing

The Center for Advanced Professional Studies (CAPS) course is for students who are interested in hands-on, project-based learning in a professional environment. The foundation of this unique learning opportunity rests upon collaboration. Associates (students) collaborate with one another, instructors, and their business partners with full immersion in real-world problem solving while showcasing development of key soft skills such as time management, understanding expectations, networking, and other essential business values. This, in turn, allows for opportunities in certain aspects of maturation generally found in the non-traditional learning environment and intended to provide associates (students) a competitive edge whether they are moving on to post-secondary education or heading directly into the workforce. This class will include a broad introduction to college and career readiness while simultaneously allowing students to research and explore their personal interests, passions, and intended to aid in finding their purpose. This course will be a 3-period block. Successful completion of this course will also earn associate's 3 college credits from Hawkeye Community College.

Essential Skills and Concepts for the Course

1. The student will learn how to provide value to clients, to their community and to their team members.
2. The student will learn how to manage their time, and how to seek and respond to feedback.
3. The student will demonstrate an awareness of different careers of their interest, and will identify careers that align with their interests, personalities and life/career goals.
4. The student will develop technical skills that are required for completing their projects, or technical skills that they are interested in learning.
5. The student will demonstrate and improve on their professional skills, including communication skills, conflict resolution skills, time management skills, critical thinking and team working skills.

Life Skills (opposite semester of PE) 1 semester (1 credit) REQUIRED for 9th grade

This course explores Sean Covey's *The 7 Habits of Highly Effective Teens*. Students will be equipped with the knowledge to achieve both private and public victories. They will learn to strengthen their self-image, their friendships, and learn to approach difficult situations with a positive attitude. Students will also explore positive habits that will help them achieve their short and long-term goals, mapping out their plan along the way.

COMPUTER SCIENCE

It is increasingly important to be familiar with computers in order to succeed in today's world, but the future is not only in using computers, but knowing how to control their operation. Computers have changed our world, and we want students to learn how to control computers - not have computers control them. Computer Science courses are strongly recommended for students headed towards mathematics, science, engineering, or computer science in post-secondary education, but they will be beneficial to almost everyone. Computer Science courses will also offer much more than the opportunity to learn a new language.

Computer Science Principles

2 semesters (2 credits)

ELECTIVE Open 10-12

This introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in. For more information visit www.code.org.

ART

All courses require a \$20 lab fee.

Art I

1 semester (1 credit)

ELECTIVE Open 9-12

A beginning art class; Introduction to the Elements of Art, Principles of Design and a variety of two- and three-dimensional areas of art production. Creativity and visual awareness are emphasized in areas of drawing, designing, painting, sculpting and clay construction. Each semester will involve different projects and areas of art to explore! Fun Introduction! May be taken for two semesters.

Art II 1 semester (1 credit)

Prerequisite: Art I

ELECTIVE Open to 10-12

Second year of art will offer opportunity to develop skill in the different areas of art production. Techniques in various drawing, painting and sculpting will be developed and introduced through two- and three-dimensional art medium. Hand building clay techniques will be introduced. May be taken two semesters for a total of a full year.

Art III 1 semester (1 credit)

Prerequisite: Art II

ELECTIVE Open 11-12

The third year of art will look at art by learning about the history and styles of art. Each student will continue to develop skills and art techniques by delving into projects that express a variety of art styles.

Independent Study Art 1 semester (1 credit)

Teacher Approval Required

ELECTIVE

For students who have taken other Art courses and are serious about an Art related field.

PHYSICAL EDUCATION/HEALTH

Students are required to be in PE every year. For any exemptions, see counselor. For graduation must complete 7 semesters of PE and 1 semester of Health. All courses for PE are pass/no credit. Must be in appropriate attire consisting of shorts/sweatpants, t-shirt/sweatshirt, and tennis shoes and socks. Must change clothes in PE. Can't wear same clothes as wear to school. All students are to participate.

Physical Education 2 semesters (1 credit)

REQUIRED 9-12

Physical Education is a four-year course that deals with individual and team sports. The curriculum consists of a variety of indoor and outdoor activities, geared toward lifetime involvement so a healthy lifestyle can be achieved. The emphasis is on total individual participation as well as an understanding of rules and strategies for each activity. Included is a study of first aid and CPR training. State requirement, no credit.

Health 1 semester (1 credit)

Open 9-12. Fulfills Health Requirement

This course is a study of mental, emotional, and physical well-being. Topics include emotional development, mental health and mental illness, nutrition/weight control, tobacco, alcohol, and controlled substances. Units on stress management, fitness, recreation, and discussions on STDS and AIDS are also included. Students will know and understand Catholic values associated with health issues.

Health and Fitness 1 semester (1 credit)

Open 10-12. Fulfills Health Requirement

Health II course combines the topics of Health Education that were covered in Health and goes into more depth on topics such as mental and emotional health, nutrition, substance abuse, cardiovascular health, and goal setting with an active physical component intended to convey the importance of lifelong wellness habits. The purpose of the health education program is to help each student protect, improve and maintain physical, emotional/mental, spiritual and social well-being.

MUSIC

Band 2 semesters (2 credits)

ELECTIVE Open 9-12

Band consists of several smaller performing groups that make-up the entire Instrumental Music Department. Some of these groups are: Concert Band, Marching Band, Jazz Band, Pep Band, and various small ensembles. All of these groups perform throughout the school year at various school concerts or school activities. Students should have some prior musical background, not only in music, but also on a musical instrument that may be performed in band. This requirement is not mandatory, however. The desire to broaden one's background in the area of music and also the interest in being a member of an organization that represents the school in many fun and interesting ways are the two main requirements for being in band. Serious questions about band may be directed to the band director.

Choir 2 semesters (1/2 credit per semester)

ELECTIVE Open 9-12

This group is the main choral body of the school. The concert chorus performs at two or three formal concerts per year. The group may also sing at Baccalaureate Services and at Commencement Exercises. The chorus also competes at the annual IHSMA large group festival, usually held in May. This group supports the music ministers that perform at all School Masses.

OTHER ELECTIVES

College Readiness 1 semester (1 credit)

Elective Open 11-12

The *Take Charge College Readiness* course is designed to prepare you for the challenges and new responsibilities that post-secondary education brings to students like you. Right now, the best thing you can do is apply what you learn in this course right away. If you do, you won't find yourself scrambling to develop important skills that make academic and general success possible skills—you'll already have them. This course will cover the following: goal achievement, college test prep, college applications, study skills, weekly planning, living away from home, and roommates.

Career Readiness _____ 1 semester (1 credit)

Elective Open 10-12

The Find Your Voice Career Readiness course is designed to help you learn and master skills that will enable you to find and then express your voice at school, at home, online, in the workplace, on a team, and in a competitive world market. Everyone has something to say, but learning how to say it makes all the difference. This course will cover the following: interview skills, presentation skills, listening skills, using feedback, emotional control, resume writing, digital etiquette, creativity, and networking.

Leadership Readiness _____ 1 semester (1 credit)

Elective Open 10-12

This course will cover roles of great leaders, leading projects, mentoring, group dynamics, meeting management, decision making, leading at home, communication, innovation, and leading work teams.

Exploratory _____ 1 semester (1 credit)

Elective Open 9-12

Exploratory courses provide a brief introduction to a variety of topics. Topics may vary widely and span multiple subject areas within one course. Helps students explore what they are interested in and learning more about. Students may choose to take courses later that allow them to pursue the topics introduced in more depth.