

Saint Edmond Catholic High School

Course Catalog 2023-2024



Mission Statement

“St. Edmond Catholic School partners with families in providing their children with an excellent Catholic education, holistic formation, and a community in which Christian discipleship is our goal.”

Updated September 2023

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INTRODUCTION TO STUDENTS AND PARENTS:

This course catalog is designed to help students and their families plan a course of study for the student. Because of the wide variety of courses, it is essential that decisions be made carefully in the light of personal objectives and future goals. It is very important that good course selections be made during the spring because the number of seats in any given course is determined by the original count.

As you consider coursework and complete course registration, please keep the following in mind:

- Every course is open and available to all students on an equal opportunity basis.
- All students are required to schedule a minimum of 6.5 credits per semester. If a student would like to take a schedule of 8 classes per semester, a form needs to be completed and approved by the principal at the time of registration. Forms are available in the Counseling Office.

*Minimal recommendations for *college preparation*:

- English: 4 years, including literature and one year of composition
- Mathematics: 3 years, including algebra, geometry, and algebra II
- Natural Science: 3 years, including physical science, biology, and chemistry or physics
- Social Studies: 3 years, including U.S. History, government and economics
- Foreign Language: 2-4 years of a single language

The Academic Advisor will meet with each student to assist in making appropriate choices for the complete educational program. Teachers are also good resources; they are familiar with individual students' strengths.

FREQUENTLY ASKED QUESTIONS:

1. Should I plan to graduate in less than 4 years?

Students, particularly those who are college-bound, can profit considerably from additional semesters of preparation. Mid-year graduation may be a good option for those students who plan to begin their studies in college immediately or enter the labor market full-time.

2. What must I do to graduate early?

Candidates for early graduation must apply before the end of their junior year. All courses required by St. Edmond Catholic School and the State of Iowa must be completed prior to the proposed date of graduation. The principal may, with discretion, make alternate arrangements for completion of four-year physical education requirements.

3. How important is grade point?

Although the grade point average is one of the criteria used for college admissions, it is not as important as taking the proper courses to gain the background required for your chosen major.

4. How important are standardized test scores?

You will have the opportunity to take a variety of interest inventories and ability tests while in high school. A primary purpose of the inventories and tests is to provide information that can help you clarify and evaluate your interests and abilities. This information can help you make appropriate educational and career choices.

5. When should I begin selecting a trade/technical school or college?

Selection of a trade school, technical school, or college can be a difficult process. Part of this process is identifying the criteria important to you in selecting an institution of higher learning. Cost, location, size, and course offerings are factors that should be considered in your decision. Obviously the more time you spend in the selection process, the more likely your selection will meet the criteria important to you. The counselor will be able to suggest career planning aids and will be able to help you with the post-secondary planning process.

6. When should I begin visiting with college representatives?

Representatives from many Iowa colleges and out-of-state colleges visit our high school each year. Visiting with these representatives can be helpful in selecting a college. If possible, you should visit with some of the college representatives during your junior and senior year. It is strongly recommended that you start visiting campuses during your junior year. **Please let the office know at least three days in advance and pick up a college visit form before you leave for any visits.**

7. How do I find out about scholarships and financial aid for further education?

Information about scholarships and financial aid opportunities are available from the counselor and the Internet. Most colleges, universities and technical schools will have information about school-specific scholarships and aid on their websites as well.

8. Should I become involved in school activities?

Involvement in school activities can be both educational and enjoyable. Some of the activities include: speech, musical, athletics, music, quiz bowl and Respect for Life. Participation in activities may help you gain experience in one of your interest areas and at the same time, you will receive enjoyment from accomplishing something with your friends.

9. Who is responsible for making sure I have earned all of the requirements for graduation?

Since the requirements for graduation are explicitly stated in the registration book, *it is the student's and his/her parents' responsibilities to see that those graduation requirements are met.* The counselor, however, can work closely with students in planning their high school programs to best prepare them for their future plans. Take the initiative to see your counselor often each year.

10. How do I request a transcript to be sent to a college, community college, military or other legitimate designation? Please contact the administrative office at 515-576-5182. You will need to provide your name, the address you want the transcript sent to and St. Edmond will put the official seal on it and send it out for you.

REQUIREMENTS FOR GRADUATION AND DIPLOMA:

Graduation Requirements

Students must have successfully completed a minimum of **52 credits** to graduate with a St. Edmond diploma.

Freshmen	0-13 credits earned
Sophomore	14-26 credits earned
Junior	27-39 credits earned
Senior	40-52 credits earned

9th Grade: English I, Math (Usually Algebra 1 or Geometry), General Science, Religion, US History, and PE

10th Grade: English II, Math, Biology, Religion, two Social Studies electives, and PE

11th Grade: American Literature & Written/Oral Communication, Math, Religion, two Science electives, Economics, and PE

12th Grade: American Government, two English electives, Financial Literacy, Religion, and PE

- Financial Literacy must be taken junior or senior year.
- Personal Health must be taken in 9th or 10th grade.
- CPR must be passed either through Personal Health or another outside certified agency, such as the American Red Cross or American Heart Association.
- Service can be taken in 11th grade.
- Fine Art credits (2) can be taken in any grade.

****All students must take 6.5 credits each semester (unless on core diploma).***

Subject	Credits Needed
Language Arts/English	8
Religion	8
Mathematics	6
Science	6
Social Studies	6
Fine Arts	2
PE	4
Service	1
Personal Health/CPR	1
Electives	10

REQUIREMENTS FOR A CORE DIPLOMA:

St. Edmond Catholic School Core Diploma

The St. Edmond Catholic School Core Diploma will benefit those students who will not be able to obtain the credits necessary to achieve a regular St. Edmond Catholic School Diploma.

*Students must have successfully completed a minimum of **44 credits** to graduate with a core diploma.

Procedures to apply for the Core Diploma

1. Currently identified as At-Risk or referred by the IEP team
2. Must meet with the counselor to fill out a credit sheet
3. Must meet with the counselor, administrator, student and parent/guardian to gain approval.

The decision to allow a student to pursue the SE Core Diploma will be made after recommendations and meetings with the academic advisor, administration, parent/guardian and student. The student and parent/guardian will then sign a contract with St. Edmond.

The personal needs of each student will be considered when making an application for the core diploma. The team will develop an individualized plan for each student.

- The student and parent/guardian must request their child be allowed to earn the core diploma, but only after approval by the building principal.
- This alternative diploma is awarded to students that complete the requirements successfully. This diploma will be entitled a St. Edmond Catholic School Core Diploma. Students completing the program will not be included in the final class rank.
- Students' progress will be reviewed each semester
- Students completing the program successfully will have a designation on their transcript that will indicate a St. Edmond Catholic School Core Diploma. St. Edmond will keep all students' records, grade cards, and standardized test results.
- Students who complete the program successfully will be allowed to participate in the St. Edmond Catholic School commencement exercises.
- Students involved in this program will be allowed to participate in extracurricular activities at St. Edmond Catholic School and all the same eligibility guidelines apply.
- A student must take 5.5 credits per semester.

The SE Core Diploma (44 Credits)		
Subject	Credits	Requirements
Language Arts/English	8	Includes Language Arts 9 & 10, Written & Oral Communication, American Literature & 2 electives
Mathematics	6	Includes Algebra I, II, & Geometry
Personal Health/CPR	1	
Physical Education	4	
Science	6	Includes General Science, Biology & 2 electives
Service Elective	1	
Social Studies	6	Includes U.S. History, American Government, Economics & 2 electives
Religion	8	
Electives	4	Including Financial Literacy

44 Total Credits

Completion of the St. Edmond Catholic School Core Diploma will be done on site at St. Edmond Catholic School. This program will be found on the principles of appropriateness, flexibility, and credibility. This program will allow students to earn full credit and make up deficiencies for graduation. This can be done through the SE curriculum or E2020 classes. If a student decides to take an E2020 class there is a charge of \$175.00.

If a student fails to follow through with a class or fails to follow the contract they will not be eligible for the core diploma.

GRADING SYSTEM:

St. Edmond Catholic School uses a weighted grading scale to determine grade point average and cumulative grade point average on report cards and permanent records of academic performance. Letter grades convert as follows:

Grading Scale			
Percentage	Letter Grade	Regular Classes	College Classes
94-100	A	4	4.5
90-93	A-	3.67	4.17
87-89	B+	3.33	3.83
83-86	B	3	3.5
80-82	B-	2.67	3.17
77-79	C+	2.33	2.83
73-76	C	2	2.5
70-72	C-	1.67	2.17
67-69	D+	1.33	1.83
63-66	D	1	1.5
60-62	D-	0.67	1.17
59% and Below	F	0	
WNC	WNC	0	
	P (Pass)	Not Calculated Into GPA	

A student may replace a grade **in an elective course** two (2) times during their high school career. If a class is dropped within the first week of each semester no record is kept.

Students receiving an incomplete on their report card must complete the work within two weeks after the completion of the quarter or semester unless special arrangements have been made in advance with the Principal/High School Academic Advisor. If work remains incomplete after this lapse of time, students will receive a grade of “F.”

Courses

Please see the department descriptions that follow for grade level and prerequisite information.

*Denotes a full-year course

Business/Computer Science

Business Law
Computer Science Principles
Financial Literacy
Introduction to Accounting
Investing For Your Future
Work Based Learning

Fine Arts/Music

Basic Design
Clay I
Clay II
Drawing
Painting I
Painting II
Printmaking
Sculpture
Choir*
Concert Band*
Gael Force Show Choir*
Jazz Band*
Music Theory

Health

Contemporary Health Issues
Introduction to Health Care - CTE
Medical Terminology - CTE
Nurse Aide Course - CTE
Personal Health

Language Arts

Accelerated English I/II*
American Literature
Composition I
Composition II
Contemporary Novel
Creative Writing
English I *
English II*
Film Study

Introduction to Literature
Life and Times of William Shakespeare
Move Over, Zeus!
Never Again: The Holocaust
Novel
Oral and Written Communication
Public Speaking
Walking on Water: A Divine Legacy
We are the World
Whodunit?
Workplace Communications

Mathematics

Algebra I*
Algebra II*
Calculus I/II *
College Prep Math*
Geometry*
PreAlgebra*
Precalculus*

Physical Education

Moving for Wellness
Physical Education
Strength and Conditioning

Religion

9th grade Religion (2 semesters)
10th grade Religion (2 semesters)
11th grade Religion (2 semesters)
12th grade Religion (2 semesters)

Science

Biology*
Botany
Chemistry*
Conservation Science
Earth Science (offered odd years)
Environmental Science (offered odd years)
Human Anatomy and Physiology*

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Introduction to Engineering*
Physical Science*
Physics*

Social Studies

American Government
Economics
Geography
Legal Studies
United States History*
WW II in Depth

World Language

Spanish I*
Spanish II*
Spanish III*
Spanish IV*

Unique Courses

Culinary Arts 2: Baking, Pastry and More!
History of Football
Leadership
Sports Officiating

<p><u>Business/ Computer Science</u> (1 semester) Business Law Computer Science Prin. *Financial Literacy* Intro. to Accounting Invest for Your Future Personal Health Work Based Learning</p> <p><u>Fine Arts/Music</u> (2 Semesters) Basic Design Clay I Clay II Drawing Painting I Painting II Printmaking Sculpture</p> <p>Concert Band Jazz Band Choir Gael Force Show Choir Music Theory</p> <p><u>Health</u> (1 Semester) Contemporary Health Personal Health</p> <p>CTE Health Courses Intro to Health Care Medical Terminology Nurse Aide</p>	<p><u>Language Arts</u> (8 Semesters) Accelerated English I/II or English I English II American Lit./Written and Oral Communications</p> <p>Two additional Semesters from the choices below: Composition I - (college) Composition II - (college) Contemporary Novel Creative Writing Film Study Intro. to Literature -(college) Life & Times of William Shakespeare Modern American Lit. Move over, Zeus Never Again: The Holocaust Novel Public Speaking -(college) We are the World WHODUNIT? Workplace Communications</p>	<p><u>Math</u> (6 Semesters) Algebra I Algebra II Geometry</p> <p>Additional Courses from the choices below: Calculus College Prep Math Precalculus PreAlgebra</p> <p><u>PE</u> (4 years) Physical Education Strength & Conditioning Moving for Wellness</p> <p><u>Religion</u> (8 Semesters) See Religion Course Listings for specific grade level classes.</p> <p><u>Service</u> (1 Semester) Christian Service</p>	<p><u>Science</u> (6 Semesters) Physical Science Biology</p> <p>Two Additional Semesters from the choices below: Botany Chemistry Conservation Science Earth Science Engineering Physics</p> <p><u>Social Studies</u> (6 Semesters) U.S. History Economics American Government</p> <p>Two Additional Semesters from the choices below: Economics Geography History Legal Studies WWII in Depth</p> <p><u>World Language</u> Spanish I Spanish II Spanish III Spanish IV</p>
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*To ensure that all students that have a sound education in fundamentals, the Board of Education requires that certain courses be taken for graduation. All graduation requirements must be met before a student is permitted to participate in the graduation ceremony.

*In addition to the above required course work, a student will have to take enough electives to fulfill the remainder of the 52 credits required for graduation.

Overview of Department/Course Requirement

Course Name	Credit	Grade	Required
LANGUAGE ARTS/ENGLISH	8 Needed		
English I	2	9	X
Accelerated English I/II	2	9	X
English II	2	11	X
Oral & Written Communications	1	11	X
American Literature	1	11	X
Composition I (college)	1	11-12	
Composition II (college)	1	11-12	
Creative Writing	1	11-12	
Film Study	1	11-12	
Life & Times of William Shakespeare	1	11-12	
WhoDunIt?	1	11-12	
Novel or Contemporary Novel	1	11-12	
Public Speaking (college)	1	11-12	
Workplace Communications	1	11-12	
Intro to Literature (college)	1	12	
Never Again: The Holocaust	1	10-12	
We are the World	1	11-12	
Walking on Water: A Divine Legacy	1	11-12	
Move Over, Zeus!	1	11-12	
TOTAL CREDITS EARNED			
MATH	8 Needed		
PreAlgebra (optional)	2	9	
Algebra I	2	9	X
Geometry	2	10	X
Algebra II	2	10-12	X
College Prep Math	2	11-12	
PreCalculus	2	11-12	
Calculus I	1	12	
Calculus II	1	12	
TOTAL CREDITS EARNED			
SCIENCE	6 Needed		
Physical Science	2	9	X
Biology	2	10	X
Chemistry	2	11-12	
Earth Science	1	11-12	
Environmental Science	1	11-12	
Engineering	2	11-12	
Human Anatomy & Physiology	2	11-12	
Physics	2	11-12	
Botany	1	10-12	
Conservation Science	1	11-12	
TOTAL CREDITS EARNED			
SOCIAL STUDIES	6 Needed		
United States History	2	9	X
Economics	1	11-12	X
American Government	1	12	X
Geography	1	10-13	
Legal Studies	1	10-12	
WWII in Depth	1	10-12	
TOTAL CREDITS EARNED			

Course Name	Credit	Grade	Required
PE	4 Needed		
PE	.5	9-12	X
Moving for Wellness	.5	9-12	
Strength and Conditioning	.5	9-12	
TOTAL PE CREDITS EARNED			
RELIGION	8 Needed		
9th grade Religion sem 1	1	9	X
9th grade Religion sem 2	1	9	X
10th grade Religion sem 1	1	10	X
10th grade Religion sem 2	1	10	X
11th grade Religion sem 1	1	11	X
11th grade Religion sem 2	1	11	X
12th grade Religion sem 1	1	12	X
12th grade Religion sem 2	1	12	X
Christian Service	1	11-12	X
TOTAL CREDITS EARNED			
WORLD LANGUAGE			
Spanish I	2	9-12	
Spanish II	2	10-12	
Spanish III	2	11-12	
Spanish IV	2	12	
TOTAL CREDITS EARNED			
FINE ARTS	2 Needed		
Basic Design	1	9-12	
Drawing	1	9-12	
Clay I	1	10-12	
Clay II	1	10-12	
Painting I	1	10-12	
Painting II	1	10-12	
Printmaking	1	10-12	
Sculpture	1	10-12	
Concert Band	2	9-12	
Jazz Band	2	9-12	
Music Theory	1	9-12	
Choir	2	9-12	
Gael Force Show Choir	1	9-12	
TOTAL CREDITS EARNED			
ELECTIVES	11 Needed		
Personal Health	1	9-10	X
Financial Literacy	1	11-12	X
Intro to Culinary Arts: Baking	1	11-12	
Business Law	1	10-12	
Leadership	1	10-12	
History of Football	1	10-12	
Sports Officiating	1	10-12	
Computer Science Principles	1	10-12	
Intro to Accounting	1	11-12	
Investing for your Future	1	11-12	
Work Based Learning	1	11-12	
Contemporary Health Issues	1	11-12	
CNA (college)	1	11-12	
Intro to Health Care (college)	.5	11-12	
Medical Terminology (college)	.5	11-12	
TOTAL CREDITS EARNED			

University Admission and Regent Admission Index (RAI)

No one pattern of preparation will invariably meet admission requirements at all colleges. A four year comprehensive and balanced program in the major academic subjects is strongly advised and will meet most college requirements and/or recommendations.

Iowa high school graduates must achieve a Regent Admission Index (RAI) score of at least 245 and take the minimum number of required high school courses to qualify for automatic admission as freshmen to Iowa State University, the University of Northern Iowa, and the College of Liberal Arts and Sciences at the University of Iowa. The RAI Core Course Lists provide each Iowa high school with a list of their respective courses that are accepted for the RAI. Students who achieve a score less than 245 will be considered for admission on an individual basis.

The RAI combines factors that strongly predict success at the Regent Universities: ACT or SAT test score, high school cumulative grade-point average, and the number of completed high school core courses.

The Alternative RAI formula is used for St. Edmond students because St. Edmond does not provide class rank. Please see the Academic Advisor for a list of RAI approved courses at St. Edmond. Below is the formula needed to calculate the Regent Admission Index Score.

The three state schools, **University of Iowa, University of Northern Iowa and Iowa State** use a formula to determine admission status.

$$\begin{aligned} & \text{ACT composite score} \times 3 \\ + & \text{Cumulative GPA} \times 30 \\ + & \text{Number of years of high school core courses} \times 5 \\ = & \text{RAI score} \end{aligned}$$

Follow this link to view the admission requirements for Iowa's regent universities:

<http://www.regents.iowa.gov/RAI/>

For a full listing of course requirements, click on the following link:

<http://www.regents.iowa.gov/RAI/info.html#other>

Iowa's Regent Schools - Listed below are college requirements for the three state universities.

Iowa State

- English/Language Arts: Four years of English/Language Arts emphasizing writing, speaking, and reading as well as an understanding and appreciation of literature.
- Math: Three years, including one year each of algebra, geometry, and advanced algebra.
- Natural Science: Three years, including one year each from any two of the following: biology, chemistry, and physics.
- Social Science: Two years for admission to the colleges of Agriculture and Life Science, Business, Design, Engineering, and Human Sciences. Three years for admission to the College of Liberal Arts and Sciences.
- Foreign Language: Two years of a single foreign language for admission to the College of Liberal Arts and Sciences and the College of Engineering. Foreign language courses aren't required for admission to the Colleges of Agriculture, Business, Design, or Human Sciences.
- Other Courses: Specific elective courses aren't required for admission.

University of Iowa

- English/Language Arts: Four years, with an emphasis on the analysis and interpretation of literature, composition, and speech.
- Math: Three years, including two years of algebra and one year of geometry for admission to the College of Liberal Arts and Sciences. Four years, including two years of algebra, one year of geometry, and one year of higher mathematics (trigonometry, analysis, or calculus) for admission to the College of Engineering.
- Natural Science: Three years, including one year each from any two of the following: biology, chemistry, and physics for admission to the College of Liberal Arts and Sciences. Three years, including at least one year of chemistry and one year of physics for admission to the College of Engineering.
- Social Science: Three years with U.S. History and World History recommended for admission to the College of Liberal Arts and Sciences. Two years, with U.S. History and World History recommended for admission to the College of Engineering.
- Foreign Language: Two years of a single foreign language.
- Other Courses: Specific elective courses aren't required for admission.

University of Northern Iowa

- English/Language Arts: Four years, including one year of composition; also may include one year of speech, communication, or journalism.
- Math: Three years, including the equivalent of algebra, geometry, and advanced algebra.
- Natural Science: Three years, including courses in general science, biology, chemistry, earth science, or physics; laboratory experience highly recommended.
- Social Science: Three years, including courses in anthropology, economics, geography, government, history, psychology, or sociology.
- Foreign Language: Foreign language courses aren't required for admission. However, two years of a foreign language in high school with a C- or above in the last term will meet the university graduation requirement.
- Other Courses: Two years of additional courses from the required subject areas, foreign languages, or fine arts.

Private Schools

Most of these schools have flexible entrance requirements but are mainly looking for students who avail themselves of the opportunity to take as many academic and enrichment courses as their abilities will permit.

Highly Competitive Colleges/Universities

Students considering highly competitive colleges should give special attention to their selection in mathematics, social studies, science (including two of these: biology, chemistry, physics), foreign language, and English, including a year of composition. In addition, some schools require a fine arts credit and computer competency. Highly competitive colleges will expect a student to have taken a rigorous selection of courses.

College Course Test Requirements

****All college level classes require competency in each category****



Placement Based on Test Scores

Reading Placement Scores			
Placement Test	RDG-048* Basic Reading	SDV-112 Success Seminar	No Course Required
ACCUPLACER (Next Gen. – Reading)	< 225	226-249	≥ 250
ACCUPLACER (Classic – Reading Comprehension)	< 43	44-65	≥ 66
ACT (Reading)	0-13	14-17	≥ 18
SAT (Reading) March '16-Present (Evidence-Based Reading & Writing)	< 380	390-470	≥ 480
March '16-Present (Reading)	<19	19-23	≥ 24

Writing Placement Scores			
Placement Test	ENG-025* Basic Writing	ENG-067* Composition I Laboratory and ENG-105 Composition I	ENG-105 Composition I
ACCUPLACER (WritePlacer)	0-2	3-4	≥ 5
ACCUPLACER (Next Gen. – Writing)	< 225	226-249	≥ 250
ACCUPLACER (Classic – Sentence Skills)	27-44	45-73	74-120
ACT (English)	0-13	14-17	18-36
SAT (Writing) Score March '16-Present Essay OR Writing + Language	<19	20-23	≥ 24

Developmental Math Placement Scores						
Placement Test	MAT-023* Mast. of Math I	MAT-026* Mast. of Math II	MAT-027* Mast. of Math III	MAT-028* Mast. of Math IV	MAT-029* Mast. of Math V	MAT-035* Mast. of Math VI
ALEKS	0-4	5-9	10-14	15-19	20-24	25-29

College-Level Math Placement Scores					
Placement Test	MAT-102 Intermediate Algebra MAT-111 Math for Liberal Arts	MAT-117 Math for Elem. Teachers MAT-140 Finite Math MAT-157 Statistics	MAT-120 College Algebra MAT-127 College Algebra & Trig	MAT-130 Trigonometry MAT-165 Business Calculus	MAT-180 Engineering Problems MAT-210 Calculus I
ALEKS	30-45		46-75		76-100
ACT/SAT	ACT 22 or above SAT 530 or above (MAT-111 or MAT-157 only)				

- Reading and writing placement scores are valid for 3 years from the start of the course student is placed in.
- Math scores are good for 18 months from the start of the course student is placed in.
- * Denotes a developmental course that is non-transferable and does not count towards graduation

Non-Discrimination Statement It is the policy of the Iowa Central Community College not to discriminate in its programs, activities, or employment on the basis of race, color, national origin, sex, disability, age, sexual orientation, gender identity, creed, religion, and actual or potential family, parental, or marital status. If you have questions or complaints related to compliance with this policy, please contact Stacy Hrig, Human Resources, 515-574-1138, hrig@iowacentral.edu, or the Director of the Office for Civil Rights U.S. Department of Education, Citigroup Center, 500 W. Madison Street, Suite 1475, Chicago, IL 60661-7294, Telephone: (312) 780-1560 Facsimile: (312) 780-1576, Email: OCR.Chicago@ed.gov

DEPARTMENT OBJECTIVES AND COURSE LISTINGS



BUSINESS EDUCATION OBJECTIVES

- Students develop the knowledge, financial acumen, and competencies needed to make informed decisions in business and in their personal lives.
- Students can use knowledge about the economy and finance to understand and manage their roles in these systems and to make wise decisions related to their personal financial affairs.
- Students realize the processes and functions involved in providing products and services that meet consumers' wants and needs, as well as gain a clear picture of how key business functions are directly related to marketing activities.
- Students will develop an appreciation for the importance of recognizing and acting upon new business opportunities, not only in small business, but also in corporate environments.
- Students will gain a developmental understanding of their personal skill strengths and weaknesses, the ever-evolving requirements of the workplace and the relationship of lifelong learning to career success.
- Students will develop the ability to analyze, synthesize, evaluate, and apply technology to solve problems and complete tasks efficiently and effectively.
- Students understand the laws affecting businesses, families, and individual consumers as well as the importance of ethical and socially responsible behavior.



COMPUTER SCIENCE OBJECTIVES

PROGRAMMING:

- Design a piece of software (a computer program) to solve a given problem correctly
- Implement an algorithm designed to solve a given problem correctly.
- Analyze and test programs to determine whether they correctly meet their specifications.
- Understand and implement standard data structure to correctly solve problems.
- Understand and implement standard algorithms to correctly solve problems.

APPLICATIONS:

- Can identify the parts of a computer system and peripherals and explain what they do.
- Understands and can use a word processor to produce different types of documents.
- Understands and can use a spreadsheet to produce tables and charts using formulas and functions.
- Understands and can use a database to produce fields and records of data that can be sorted, queried for specific information, and used for creating reports and forms.

BUSINESS/COMPUTER SCIENCE

BUSINESS LAW

Semester, 1 credit, 10, 11, 12

Business Law is an introductory level business course that will acquaint students with an understanding of business law and personal law. Students will learn how to identify legal and ethical issues and be able to apply law and ethics to issues and situations.

COMPUTER SCIENCE PRINCIPLES

Semester, 1 credit, 10, 11, 12

This is an introductory course that requires no computer science background (from students or teachers). We recommend it for 9th-12th grade students with stronger reading and writing skills. 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.

FINANCIAL LITERACY

Semester, 1 credit, 11, 12

Financial Literacy is a semester course to revolutionize the teaching of personal finance essentials for every high school student. The following topics will be covered: Joining the Workforce, Taxes, Checking, Savings, Paying for College, Types of Credit, Managing Credit Investing, Insurance and Budgeting.

INTRODUCTION TO ACCOUNTING

Semester, 1 credit, 11, 12

Students will receive instruction in analyzing and recording various business transactions and in completing the accounting cycle by journalizing, posting, preparing worksheets, making adjusting and closing entries, and preparing financial statements. No previous accounting instruction is necessary.

INVESTING FOR YOUR FUTURE

Semester, 1 credit, 11, 12

Students will explore a variety of investment strategies including stocks, bonds, mutual funds, ETF's and Options. We will also explore retirement vehicles such as 401k's and IRA's as a method to provide for a great retirement. Students will understand the difference between saving and investing, and be able to use both vehicles for their future. We will study the various markets, Dow Jones Industrials, S & P 500, NASDAQ, etc. to determine how to use these indexes to help us in our quest to fund our retirement. We will also play several stock market simulation games to try to gain an understanding of how the markets work and what triggers a stock, bond, etc. to either rise or fall. The goal of the class will be to have students become comfortable with the various types of retirement accounts, and potentially, open their own retirement account before the end of class.

WORK BASED LEARNING

Semester, 1 credit, 11, 12

Work Based Learning is a semester course designed to expose students to a variety of business and government opportunities in the Fort Dodge area. Along with Business and Government leaders coming into St. Edmond to speak to the students; the students will also go on company tours and also select areas of places that they will shadow at. Students will also develop resume writing and cover letter writing techniques as well as doing mock interviews.

FINE ARTS/MUSIC

ART OBJECTIVES

Aesthetic Perception

- To inquire into the nature, beauty and experience of art through sensory perception.

Art Criticism

- To observe, reflect and understand the characteristics and merits of works of art.

Art History

- To acquire knowledge of historical and cultural development through varying anesthetic points of view.

Art Production

- To create and express ideas through a variety of media, techniques and processes.

MUSIC OBJECTIVES

Music Performance

- Students will perform a varied repertoire of music with expression and technical accuracy.

Music Literacy

- Students will read and notate music.

Music Criticism

- Students will observe, reflect, and understand the characteristics and merits of music.

Music History

- Students will acquire an understanding of music's evolution in relation to its historical development.

Music Creation

- Students will create music through the use of their collected knowledge, experiences, and resources

FINE ARTS

Two (2) Fine Art credits are needed to graduate

BASIC DESIGN

Semester, 1 credit 9, 10, 11, 12

Basic Design is the structure of art. The class is organized to expose students to a large variety of art materials while they study the elements and principles of art. The student will develop a workable visual vocabulary and apply this to various design problems. Understanding design will give students a feel for their own God-given creative potential and a new awareness of the visual richness that surrounds them.

CLAY I

Fall Semester, 1 credit 10, 11, 12

Prerequisite: Basic Design

Clay is designed to introduce the student to the plastic qualities of clay through experience in hand building and wheel thrown pottery techniques. Emphasis is also placed on the study of the history of clay in humankind's development, on a knowledgeable appreciation for works produced in clay, and on the ability to judge the aesthetic qualities of a clay piece.

CLAY II

Spring Semester, 1 credit 10, 11, 12

Prerequisite: Clay I

This advanced continuation of Clay I will place emphasis on the individual student's abilities. Beginning with some introductory pieces to determine areas of interest and ability, students will then concentrate on their area of choice: hand building, wheel thrown, and/or sculptural forms. Advanced information regarding clay body and glaze formulation, contemporary techniques, history, aesthetics, and art criticism will also be taught.

DRAWING

Semester, 1 credit 9, 10, 11, 12

Drawing is designed to introduce the student to a variety of drawing techniques and media through in-depth studio experiences, further developing their God-given talents. Drawing class will also provide historical information about drawings and the artists who created them. Students will explore career opportunities in the drawing world.

PAINTING I, II

Semester, 1 credit 10, 11, 12

Prerequisite: Basic Design

Painting is designed to introduce the students to basic painting techniques using watercolor and acrylic while exposing them to the history of painting. As they develop a workable knowledge of the design and composition of painting, students will attempt to solve various painting problems according to their God-given abilities. They will also learn to analyze and critique their own creative ideas for content and compositional structure in order to produce successful paintings.

PRINTMAKING

Semester, 1 credit 10, 11, 12

Prerequisite: Basic Design

Offered in odd years

Printmaking is designed to introduce the student to three printmaking processes: relief, planographic, and intaglio. The student produces original, expressive lino-cuts, silkscreens, etchings, etc., based on their own God-given abilities. By using each of these three processes in conjunction with a study of artists who are printmakers, students will also acquire an ability to judge the aesthetical qualities of various prints.

SCULPTURE

Semester, 1 credit 10, 11, 12

Prerequisite: Basic Design

Offered in even years

Sculpture is designed to introduce the student to expressive design in three dimensions. The student produces three-dimensional sculptural pieces based on their own God-given creative potential in a variety of media in conjunction with a study of sculptors, their work and their influence on art and society. Students also acquire an ability to judge the aesthetic qualities of a sculptural piece and gain an awareness of a variety of sculptural forms.

MUSIC

CHORAL MUSIC

As a member of any ensemble, the student is provided the opportunity to experience the spiritually uplifting power of music. The art form, music, is presented as a gift to the performer who, in return, shares this gift with the listener audience. Emphasis is placed on the development of individual talents and each person's contribution to the whole. The choral art demands that all work together to achieve a harmony that no one can do alone. Music, as a gift, is then practiced, perfected and performed all for the greater honor and glory of God.

CHOIR

Year, 2 credits, 9, 10, 11, 12

Concert Choir is open to students in grades 9th-12th, and meets daily. Students in Concert Choir will study score annotation, vocal pedagogy, musical aesthetics and philosophy, and musicology. Participation in Catholic Choral Festival, Fall, Mass of Thanksgiving, Christmas, Lenten, and Coffeehouse concerts, and Large Group Festival is required. Individual and group lessons are required as part of membership in the choir. Students will take part in school and parish liturgies. All students will be encouraged to take part in All-State auditions, State Solo & Ensemble Festival and the Spring Musical. Students are strongly encouraged to take private voice lessons.

Students will be introduced to a variety of choral literature. Students in Gaelic Choir will study score annotation, vocal pedagogy, musical aesthetics and philosophy, and musicology. Emphasis will be placed on SAB/SATB literature with participation in the Fall, Christmas, Lenten, and Coffeehouse concerts, Parish Masses and mini-concerts at the Marian Home. All students will be encouraged to take part in Opus Honor Choir, All-State auditions, State Solo & Ensemble Festival, and the Spring Musical. Musical leadership in school liturgies will occur several times per year. Individual and group lessons are required as part of membership in the choir. Students are strongly encouraged to take private voice lessons.

CONCERT BAND

Year, 2 credits 9, 10, 11, 12

FEE: \$30.00 (uniform cleaning & maintenance) Rental of school-owned instrument: \$60.00 per academic year; percussion \$30.00

This class performs a variety of music in an attempt to develop an interest in all aspects of sacred and secular instrumental music. Any student enrolled in this class will participate in all scheduled concert band and pep band appearances. Varsity Athletes with conflicts against pep band appearances are excused with the permission of the director. Required events include all home football games, the Christmas concert, Parade of Bands, Coffeehouse, Commencement, and State Large Group Contest. Additional optional activities for lettering credit include participation in State Solo and Ensemble Festival, All-State auditions, participation in district, diocese, or other honor bands, and participation in mass music Other events may be added to these lists as opportunities arise. All members are strongly encouraged to take private lessons from teachers in the community. Every student is required to attend a minimum of six (6) lessons with the director each quarter. Students with study halls will have a concretely scheduled weekly 15 minute lesson. Students with no study halls will have an every other week lesson. Students will participate in a written and/or playing final at the conclusion of each semester.

Gael Force Show Choir

Year, 1 credit 9, 10, 11, 12

Prerequisite: Audition and membership in a credited choir

This auditioned group will consist of Freshman through Senior students and will meet Tuesday, Wednesday and Thursday mornings during “0” hour, from 7:00 – 7:45 am, and as needed on some weekends and evenings. This will be a show choir with a camp in August and then competitions and performances set throughout the year.

Jazz Band

Year, 1 credit

Prerequisite: Audition for membership and chair placement

Co-requisite: Concert Band, or with the permission of the director for rhythm section instruments (piano or bass)

The St. Edmond High School Jazz Band is for advanced instrumental music students. The Jazz Band performs medium to advanced level literature from various selected eras of music history. In addition to the techniques of rehearsal and performance, the students learn fundamentals of improvising, and theory and history of the music performed. The Jazz Band performs at the Christmas Concert, Just Jazz Concert, and Coffeehouse. The band also participates in a number of contests and festivals including the NCIBA Jazz Band Contest, Triton Jazz Band Contest, State Jazz Band Festival, Woodward-Granger Jazz Band Contest, and the Iowa Jazz Championships. The band rehearses two times a week during “0” hour, rotating sectional rehearsals Wednesday morning, as well as scheduled evening rehearsals in preparations for festivals.

Music Theory

Semester, 1 credit 9, 10, 11, 12

In Music Theory, students will implement high-level musical language and grammar skills including musical notation, harmonic analysis, and part writing which will lead to a thorough understanding of music composition and music theory.



HEALTH OBJECTIVES

- Students will comprehend concepts related to health promotion and disease prevention to enhance health.
- Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.
- Students will demonstrate the ability to access valid information, products, and services to enhance health.
- Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.
- Students will demonstrate the ability to use decision-making skills to enhance health.
- Students will demonstrate the ability to use goal-setting skills to enhance health.
- Students will demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks.
- Students will demonstrate the ability to advocate for personal, family, and community health.

HEALTH

CONTEMPORARY HEALTH ISSUES

Semester, 1 credit, 11, 12

This course presents a basic understanding of the relationship between the human body and the environment in which it exists. This course addresses principles and practices of personal health and disease prevention. The course also develops an appreciation for the social, economic and medical aspects of man and disease as it relates to personal and community living. Topics include dimensions of health; making consumer and health care choices; emotional maturity and stress management; physical activity; diet, nutrition, and weight management; consequences of drug, alcohol, and tobacco use; sexuality; responsible sexual behavior.

PERSONAL HEALTH

Semester, 1 credit, 9, 10

Personal Health includes an exploration of: body systems, STDs and AIDS, disease prevention, sports nutrition and fitness, weight management, and personal and family safety. American Red Cross Adult CPR is included; First Aid may be included. This course provides health information in such a way that it encourages the student to use this knowledge in the adoption of a healthy lifestyle. Career awareness and decision-making skills are included in each unit of study. Online health inventories are used in this course.

CTE HEALTH ISSUES

INTRODUCTION TO HEALTH CARE

Semester, 1 credit, 11,12

ICCC dual credit 2 semester hours

\$100.00 course fee

Students will have a basic introduction to the health care delivery system, professionalism and legal and ethical responsibilities of the health care worker. The communication process will be introduced as well as an understanding of patients' needs and behavior. Aspects of patient care will be discussed involving safety, infection control, transfer techniques and vital signs.

MEDICAL TERMINOLOGY

Semester, 1 credit, 11,12

ICCC dual credit 2 semester hours

\$100.00 course fee

The student will study terminology of the human body systems. The emphasis will be on recognition and functional vocabulary related to medical science. Definitions, standard abbreviations, pronunciations, correct spelling, will be included

NURSE AIDE

Fall Semester, 1 credit, 11,12 (Sophomores with teachers approval)

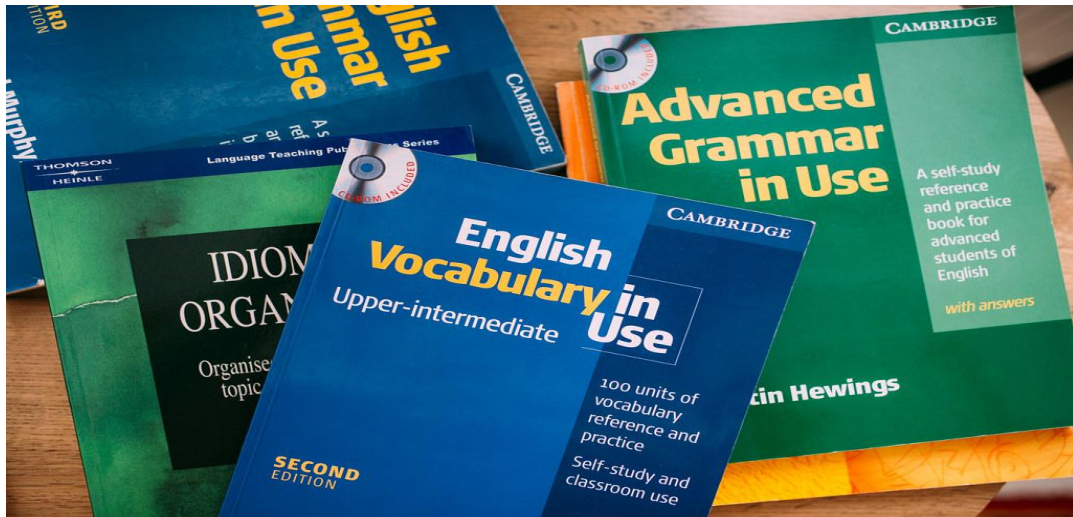
ICCC dual credit 3 semester hours

\$100.00 course fee

To prepare nursing students for work in nursing facilities and skilled nursing facilities. Background checks are required prior to any nurse aide courses

ST. EDMOND AND ICCC DUAL CREDIT COURSES

- *Students are responsible for renting textbooks for college level Health classes.*



LANGUAGE ARTS/READING OBJECTIVES

Reading for Information

- All students will read and understand informational materials, describe characteristics of information text and use facts, ideas, and perspectives in developing concepts.

The Process of Reading

- All students will demonstrate their understanding of the reading process by using reading and thinking skills and strategies to achieve their purposes in reading.

Reading Literature

- All students will read and understand a variety of classic and contemporary literature representing diverse historical and cultural perspectives to build an understanding of themselves and others, their environment and the world.

Literacy Communities

- All students will recognize the value of the personal and social connections to reading, reading to satisfy personal interests, and to establish, maintain, and enhance personal relationships with others.

LANGUAGE ARTS/WRITING OBJECTIVES

Writing Process

- All students will plan, write, revise, and edit while identifying personal strengths and weaknesses.

Writing Purpose

- All students will demonstrate an understanding of purpose and audience in their writing.

LANGUAGE ARTS/ENGLISH

Eight (8) credits are required for graduation.

REQUIRED CLASSES:

A High School student at St. Edmond will take English I and English II before taking any other English course. After these 4 English credits are completed, (2 years), the student may take their 4 additional English credits to graduate with the required 8 credits total (4 years) of English

ACCELERATED ENGLISH I/II

NCAA Approved

2 Semester, 1 credit each **Prerequisite:** Students *must* attend an informational meeting prior to signing up for the course and finish the summer assignment by due date with a B- average.

This course is ONLY for the student who has a HIGH aptitude in literature and writing AND maintains consistent attendance. Students will move at a fast, accelerated rigorous pace with higher order thinking skills the norm. Units covered include short story, folklore, mythology, Greek tragedy and novel. Grading will be solely on tests and quizzes, enrichment activities and possibly a project or two. Much out of class time reading will be expected. Interested students should be able to maintain at least a B average in Literature and Language Arts and visit with their eighth grade instructor regarding their strengths and weaknesses.

AMERICAN LITERATURE

NCAA Approved

Semester, 1 credit **Prerequisite:** *English II (Required 11th grade course)*

This course examines the American literary heritage beginning with our first harvest of great literature about 1800 and continuing up through the modern writers. We will focus on specific major authors, literary movements, and a variety of genres (essay, short stories, poetry, novels, and drama). Students will study the political, religious, historical, social, and cultural influences on the literature and authors, as well as biographical information about those writers. Additional attention will be given to literary terms, vocabulary building, and writing about literature.

COMPOSITION I (ENG-105)

NCAA Approved

Semester, 1 credit ICCC dual credit 3 semester hours **Prerequisite:** *If taken as a junior, you MUST have teachers approval.*

\$100.00 course fee

This course will be taken for both high school and college credit. This course focuses on the process of writing expressive and informative prose, incorporating oral, visual and electronic modes. It introduces research skills and critical thinking skills. This course has a limit on students and gives upcoming seniors priority until the final week of the school year, when it opens to juniors on the waiting list (in order of schedule submission).

COMPOSITION II (ENG-106)

NCAA Approved

Semester, 1 credit ICCC dual credit 3 semester hours

\$100 course fee

Prerequisite: *Successful completion of ICCC Composition I with a C or better.*

This course will be taken for both high school and college credit. This course is a continuation of ICCC English 105 with advanced work in research techniques. The major focus is on persuasive and argumentative writing incorporating oral, visual, and electronic modes with an emphasis on critical thinking skills.

CONTEMPORARY NOVEL

NCAA Approved

Semester, 1 credit Prerequisites: English I and English II

This is a junior and senior level course that will examine several novels from today's best-sellers lists. The course is designed to help students learn the joy of reading through study of a variety of genres, authors, and topics. Novels chosen will be used to promote cross-cultural experiences and a study in fundamental experiences of humanity. A primary focus of the course includes to help students formulate personal and global awareness. Students will delve into the major themes that have made these works popular and pertinent for audiences of today.

CREATIVE WRITING

NCAA Approved

Semester, 1 credit, 11, 12

Creative Writing is designed for students to create original forms of descriptive writing, poetry, short stories and nonfiction. Writing skills and vocabulary development will be developed through daily writing and analysis of quality writing. Students will practice reading, presenting orally and in written form and responding to literature in all different stages of the writing process. A final summative portfolio of the work will show writing growth over the semester.

ENGLISH I

NCAA Approved

Year, 2 credits, 9

Emphasis will be placed on beginning literary and analytical skills through units on the short story, the novel, Greek and Roman mythology, classical literature and ancient and modern drama. Students will also study types of folklore in analyzing fables, legends, tall tales and myths. All units will focus on writing, speaking and listening skills. Classroom participation and several individually done research projects and speeches will be required. A career/college exploration unit will be done jointly with the Guidance Department.

ENGLISH II

NCAA Approved

Year, 2 credits, 10 Prerequisite: English I

This course is the second in the progression of required classes in fundamental language arts skills and concepts and is a prerequisite for most elective classes. It is designed to build upon the skills and concepts taught in English I. This course focuses upon thinking and literary comprehension skills of writing, speaking and listening. Units covered include nonfiction, Shakespeare, poetry, novel, grammar review, paragraphing, multi-paragraph compositions, library and research skills, research paper, and speech activities.

FILM STUDY**NCAA Approved***Spring Semester, 1 credit 10, 11, 12*

This class will expose students to multiple elements of evaluating film as literature including auteur theory, different genres, film making techniques, and film criticism. The class will culminate in students writing and directing a short film of their own, applying elements discussed in class.

INTRODUCTION TO LITERATURE (LIT 101)**NCAA Approved***Semester, 1 credit, 3 ICCC dual credits**\$100.00 course fee*

This course includes training in understanding the forms of interpretive literature: short story, drama, poetry, and novel. Attention is given to personal and social values as they appear in selected readings. This college-level course uses advanced Materials and has a demanding homework load. Only juniors and seniors in the St. Edmond Honors program may enroll without prior approval of the instructor.

LIFE AND TIMES OF WILLIAM SHAKESPEARE**NCAA Approved***Semester, 1 credit**Prerequisite: English I and II or Accelerated English I/II*

This course will examine several plays and sonnets written by William Shakespeare, arguably the greatest playwright of all time. Attention will be given to his life, as well as the time period he lived in. Students will not only read his literature, but also study Shakespeare's England, including the political, social, and cultural events that influenced his writing. Unique aspects of this course involve hands-on learning of Renaissance cooking, games and pastimes and art. When available, students may also attend Shakespearean productions being performed in the area.

MOVE OVER, ZEUS!**NCAA Approved***Fall Semester, 1 credit 11,12**Prerequisite English I and II*

Mythology (and Legends and Folklore)

What do Bigfoot, The Little Mermaid, and George Washington's wooden teeth all have in common? They are all considered mythology! There is so much more to mythology than just the Olympus crowd. Every culture in the world has some form of mythology. In this class we will study examples from around the world. We will discuss, read, and write about their common themes and differences. You will even create a culture and a mythology, legends and folktales that would explain its beliefs.

NEVER AGAIN: THE HOLOCAUST**NCAA Approved***Spring Semester, 1 credit, 11, 12**Prerequisites English I and II*

This class will ensure that students understand the emotional relevance of the Holocaust. We will study the Holocaust by using literature, such as postwar poetry and memoirs, video and art created by survivors to frame the unfolding historical events leading up to the Holocaust, what occurred during the Holocaust as well as post-war repercussions. It is my hope that by providing a variety of works, less focus will be placed on the indescribable and, instead, highlight the inner world and human dimension of an unthinkable time in history. Students will be expected to read, analyze and discuss themes in addition to lecture notes, linked resources and brief audio and videos.

NOVEL

NCAA Approved

Semester, 1 credit **Prerequisite:** *English II and American Literature*

Students will read, discuss and test over modern novels. The authors are primarily English and American. The novels studied (subject to change) are Lord of the Flies, All Quiet on the Western Front, Grapes of Wrath, 1984 and Brave New World. Recommended you take Novel your senior year, unless you are considering taking AP English your senior year. In that case, you must obtain the permission of the instructor to take it your junior year.

ORAL & WRITTEN COMMUNICATION

NCAA Approved

1 semester, 1 credit **Prerequisite:** *English II (Required 11th grade course)*

Students must receive a passing grade in BOTH Oral Communications and Written Communications classes in order to pass the semester.

This course is designed to expose students to the varied elements of oral communication. By studying a model of the communication process, engaging in communication exercises and delivering several speeches, the student will discover that effective oral communication goes beyond simply speaking to an audience. Verbal and non-verbal communication will be discussed along with the responsibilities of the sender and the receiver. This course is the first half of the Saint Edmond Communication course and deals with the composition process of pre-writing, writing and revising writing, including experiences in the four most common kinds of composition: exposition, persuasion, analysis and compare/contrast. Students will focus on organization, structure, and formatting writing to help with their future courses. Topics covered include writing academic papers, answering essay questions, and communicating effectively in professional and academic settings.

PUBLIC SPEAKING (SPC 112)

NCAA Approved

Semester, 1 credit, 3 ICCC dual credits

\$100.00 course fee

Prerequisite: *Successful completion of ICCC Composition I with a C or better.*

This course is designed to develop the basic skills of oral communication by studying the process and theory of communication. Emphasis is placed on the preparation and delivery of individual and group presentations in various speaking situations.

WALKING ON WATER: A DIVINE LEGACY

NCAA Approved

Fall semester, 1 credit 11, 12

Prerequisites English I and II

This course focuses on encouraging students to build on their faith experience in order to recognize God's presence in the ordinary and extraordinary events in life. This course focuses on the historical and cultural roots of a variety of genres of literature and introduction to many great Christian writers ranging from the 17th century to the present day. Through literature, students will be encouraged to form opinions that harmonize with St. Edmond Catholic educational aims utilizing intensive reading, writing, and critical thinking skills.

WE ARE THE WORLD

NCAA Approved

Fall semester, 1 credit

Prerequisites English I and II

Multicultural and Identity Literature. This class will expose students to diverse cultures/groups and their realities in society today. We will study non-fictional writings, as well as fictional writings. Some

groups included are ethnic, handicapped/disabled, immigrants, religious, elderly, women, the poor, mentally ill, etc. We will also explore these groups through poetry, plays, discussion, music, and films in order to create further understanding and points of view. Students explore themes of cultural diversity and identity by comparing, contrasting, analyzing and critiquing writing styles and universal themes.

WHODUNIT?

NCAA Approved

Spring semester, 1 credit 11,12

Prerequisites English I and II

Mystery and detective stories, cliff-hangers, Red Herrings and Murder, Oh My!

This course will provide background in and experience with the literary genre of mystery/detective fiction. The course will also offer practice in analyzing and appreciating some of the themes and literary techniques that make the mystery genre so popular. We will study the treatment of plot resolution and closure, the character types, and the dominant ideology of major authors. The course combines reading and multimedia content. WE will learn through lecture notes, media samples, linked resources, and brief audio and/or videos.

WORKPLACE COMMUNICATIONS

NCAA Approved

Semester, 1 credit, 11, 12 Prerequisites English I and II

In Workplace Communications, students will focus on communicating clearly, concisely, considerately and correctly, both orally and in writing. Students will demonstrate learned skills through an oral presentation, demonstration of giving, listening and following directions; using a businesslike manner in person and digitally, both individually and within a group; with coworkers and customers ethically and with integrity.



MATH OBJECTIVES

- Students will use mathematics to solve problems, communicate and work with others.
- Students will use measurement skills.
- Students will use reasoning skills, mental mathematics, and estimation skills.
- Students will perform mathematical operations and see relationships among numbers.
- Students will demonstrate a development of spatial sense.
- Students will collect and analyze data.

MATHEMATICS

Six (6) credits are required for graduation

Sequence of Courses

The Mathematics Department requires all students to take three years of math (Algebra I, Algebra II, & Geometry). Mathematical solving processes are beneficial to all aspects of learning and will aid in getting the best placement in college math courses. Following are the suggested four-year sequences for math.

Calculator Recommendations

Calculators are an integral part of mathematics; therefore, calculator recommendations are made for each math class. Having the appropriate calculator will allow the student to be able to focus time and learning on content rather than rote work. We recommend purchasing a TI-83+ or TI-84 if you are on rows d, e, f, or g.

Mathematics Course Sequence Options

Year in School	Option A	Option B	Option C	Option D
8	Algebra I	Algebra I	8th grade Math	8th grade Math
9	Geometry	Geometry & Algebra II	Algebra I	Pre Algebra
10	Algebra II	PreCalculus	Geometry	Algebra I
11	PreCalculus College Stats	Calculus I Calculus II	Algebra II	Geometry
12	Calculus I Calculus II College Stats Financial Math	College Stats Financial Math	PreCalculus College Stats Financial Math College Prep	Algebra II

❖ **Option C is the standard sequence to follow.**

*In any of the sequence, if a student would not pass a class, the student would be required to makeup the class in one of these ways:

1. Edgenuity
2. ICCC equivalent course

The retake must be successfully completed prior to student's enrollment in the next class in the sequence.

1. St. Edmond has a three-year high school math requirement. **All students take math in their freshman, sophomore, and junior years.** Many students take 4 years of math while in high school plus some have one additional math consisting of Algebra I from middle school.
2. Students who have completed Algebra I while in middle school will be enrolled in Geometry in their freshman year.
3. Most colleges strongly recommend that incoming freshmen take a math course in their senior year in high school.
4. If there is any question about whether a student should take a particular course, advice should be sought from the current math teacher.

PRE ALGEBRA

Year, 2 credits

Development of fundamental algebra concepts through work with number properties, variables, formulas, and graphing. Students also learn ways algebra and other mathematics are used in real-world applications through problem solving and questioning strategies. This class is taught at a comfortable pace to build upon essential math skills needed for future high school courses. Calculators are available for in class use.

ALGEBRA I

NCAA Approved

Year, 2 credits

Must pass 1st semester to take 2nd semester

This course offers an introduction to higher mathematics, providing the language and basics for math above the level of arithmetic. Topics include: linear equations, polynomials, quadratic equations, and functions. Recommend a “TI-30X II” scientific calculator.

ALGEBRA II

NCAA Approved

Year, 2 credits

Prerequisite: Algebra I and with Teacher Discretion/ Approval

Can be taken concurrently with Geometry if on Calculus Sequence of Courses

Must pass 1st semester to take 2nd semester

This course is recommended as a preparation for college-bound students interested in science, mathematics, or the fields related to science and math, and any student who enjoys having a mathematical challenge. This class deals with number sets, open sentences in one variable, linear systems, polynomials and factoring, real and complex numbers, quadratic relations and systems, and relations and functions. A TI-83+ or TI-84 graphing calculator is recommended.

CALCULUS I

NCAA Approved

Semester, 1 credit

This is the first course in integrated calculus and analytic geometry. The concepts of analytic geometry are studied as they apply to calculus. The calculus concepts covered include the rate of change of a function, limits, derivatives of algebraic, logarithmic, trigonometric and inverse trigonometric functions, application of the derivative and an introduction to integration and its applications. Required materials: TI-83 Plus or TI-84 graphing calculator. Prerequisite: Algebra II

CALCULUS II

NCAA Approved

Semester, 1 credit

This is the second course of the calculus sequence. Topics covered include the study of techniques and applications of integration, infinite series, polar equations and graphs, vectors, and vector-valued functions. Required materials: TI-83 Plus or TI-84 graphing calculator. Prerequisite: Calculus I.

GEOMETRY

NCAA Approved

Year, 2 credits

Algebra II can be a co-requisite

Must pass 1st semester to take 2nd semester

This class is recommended for any student who wants to become acquainted with fundamental reasoning methods and geometric relations. The course teaches the basic elements of geometry,

properties of angles, parallel and perpendicular lines, congruence and similarity of triangles and polygons, right triangles, circles, polygon area, volume, constructions, coordinate geometry, transformations, and inductive and deductive reasoning. Recommend a TI-30X II scientific calculator. For students on the 4-year college Sequence of Courses, a TI-83+ or TI-84 graphing calculator is recommended.

COLLEGE PREP MATH

NCAA Approved

Year, 2 credits

Prerequisite: Algebra II and with Teacher Discretion/Approval

This course is to be taken after successful completion of Algebra II but before taking any college credit math courses.

This course is designed to prepare students for higher level mathematics, especially Statistics, and students should consider taking the ALEKS Test upon completion of course. Content focuses on a review of Arithmetic Operations, Algebra and Trigonometry skills. Topics include but are not limited to: Numerical Operations, Algebraic Expressions & Functions, Exponents, Linear Functions, Quadratic Functions, and Trigonometric functions. A Scientific Calculator (TI-30X II S) is needed for class, optional is a graphing calculator such as the TI-83 Plus or TI-84.

PRECALCULUS

NCAA Approved

Year, 2 credits

Prerequisite: Algebra II and with Teacher Discretion/Approval

This course is designed to prepare those students who are planning on taking all or part of the calculus sequence. Topics covered include algebraic, logarithmic, and exponential functions, inverse functions, sequences and series, conic sections, and the fundamentals of trigonometry. This course satisfies a general education requirement in the Math/Science area. Required materials: TI-83 Plus or TI-84 graphing calculator.

ST. EDMOND AND ICCC DUAL CREDIT COURSES

- Statistics is recommended for students interested in careers in business, engineering, science, or most four-year degrees.
- Completion of Calculus I is recommended for careers in engineering, physical sciences, business, economics, social and behavioral sciences, life sciences, and medical fields.
- Students must meet or exceed ICCC test placement score requirements.
- *Students are responsible for renting Textbooks for college level math courses.*

PHYSICAL EDUCATION OBJECTIVES

- Demonstrates competency in many movement forms and proficiency in a few movement forms.
- Applies movement concepts and principles to the learning and development of motor skills.
- Exhibits a physically active lifestyle.
- Achieves and maintains a health-enhancing level of physical fitness.
- Demonstrates responsible personal and social behavior in a physical activity setting.
- Demonstrates understanding and respect for differences among people in physical activity settings.
- Understands that physical activity provides opportunities for enjoyment, challenge, self-expression, and social interaction.

PHYSICAL EDUCATION

Students must take PE every semester.

MOVING FOR WELLNESS

Fall Semester, .5 credit 9, 10, 11, 12

This course is designed to provide students an opportunity to improve their lifelong fitness and well-being through fitness walking. The course will include structured workouts, such as Tabata, on Wednesdays. Journaling and analysis of data will be a component of the class. Physical fitness assessments will occur throughout the semester to monitor individual student progress.

PHYSICAL EDUCATION

Semester, .5 credit (meets every other day for a semester) 9, 10, 11, 12

This course will stress the basic fundamental skills necessary to enjoy the various activities in a Christian atmosphere. In the course there will be team sport activities, individual sport activities, and fitness units.

STRENGTH AND CONDITIONING

1 semester, .5 credit 9, 10, 11, 12

This course introduces the benefits of strength and conditioning training. The students will take part in a full and complete

orientation/introduction of the St. Edmond weight room that includes an explanation of exercises for a full body workout as well as safety and organizational tips to assist the students in their development. Students will be given programs to follow or assisted in developing individualized weekly schedules that cover the basic expectations of the course. Each student will have clearly defined expectations in the areas of strength, cardiovascular and core and abdominal development with the additional expectation of tracking all of their workouts in writing throughout the semester. Each five day program will be designed with the students prioritized individual needs in mind. In this course, the student will be using the weight room 3 days a week.

RELIGION OBJECTIVES

- Profession of Faith (Creed) – growing in knowledge of the creed as the foundation of our Catholic faith.
- The Celebration of the Christian Mystery (Sacraments) – growing in knowledge of the sacraments as signs and instruments of grace.
- Life in Christ (Moral Life) – understanding and using the teachings of Jesus and the church to form a developed conscience for decision making.
- Christian Prayer – understanding and engaging in different forms of Catholic prayer as a way of deepening one’s spiritual life.
- Discipleship – living our Catholic faith through worship and service as followers of Christ in community.

RELIGION

Eight (8) credits are required for graduation

Course	Required or Elective	Credit (total of 8 credits of Religion courses are required with an additional credit in Service**)
Religion 100* Introduction to Catholicism	All new students to St Edmond High School who have not previously been in a parish based Catholic religious education program or Catholic School.	1
Religion 101	Required	1
Religion 102	Required	1
Religion 201	Required	1
Religion 202	Required	1
Religion 203	Elective	1
Religion 204	Elective	1
Religion 301	Required	1
Religion 302	Required	1
Religion 303 Service **	Required	1
Religion 304***	Elective	.5 / Semester
Religion 401	Required	1
Religion 402	Required	1

*Note that students in this class will then follow the sequencing of required religion courses.

Religion 100 - Introduction to Catholicism*

Transfer Students, 9th-12th Grades

This course includes a comprehensive review of the Catholic Christian faith and establishes a foundation for the remaining high school religion courses. The course covers the following topics: culture, and values, faith and religion, saints and heroes of the faith, a short history of the Jews, the wisdom and works of Jesus, biblical scripture and tradition, the liturgical year, origins of the Mass, and spirituality.

Religion 101 - Scripture

Required, 9th Grade

This class will give students a general knowledge and appreciation of the Sacred Scriptures. Through their study they will come to encounter the living Word of God, learn about the Bible and its value to people. They will learn how to read the Bible and become familiar with its major sections. Particular attention will be given to the Gospels where they may grow to know and love Jesus Christ more personally.

Religion 102 - New Testament

Required, 9th Grade

This course 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. This class encourages a course of action and calls on students to "pick up their cross: and follow the Lord in this life and beyond. This course will also include a unit to prepare students for the sacrament of Confirmation.

Religion 201 - Sacraments

Required, 10th Grade

This course will help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

Religion 202 - Church History

Required, 10th Grade

Beginning with the models of the Church, this class studies the development of the Church and how it has affected and been affected by other events which have shaped human history. The Church is viewed both from the dimension of being instituted by Christ and guided by the Holy Spirit as well as from the dimension of the human institution. A study of saints and their contributions to the church are essential to an understanding of our history. There are many components that make this course a fascinating and important study as to who we are as Christians.

Religion 203 - Dating Blueprint

Elective - 10th-12th grades

The Dating Blueprint is a course designed to equip students with the essential knowledge and skills needed to navigate the world of dating and relationships. This course combines psychological insights, communication strategies, and practical tips to help students build healthy, fulfilling, and meaningful connections with others. There will be an emphasis on helping each student grow in virtue and amplifying his/her personal strengths. May not be offered every semester.

Religion 204 - Prayer, Prophecy, and Healing in Today's World

Elective - 10th - 12th grades

Few Christians can recall a moment in their life where they are certain that they encountered God in a miraculous way. The goal of this class is to activate God's presence in the student's life in tangible and understandable ways. The student will grow in their ability to hear God's voice and learn how to speak for God to the world around them. By looking at recent examples of real miracles occurring in our city, state, and country, the student will grow in their confidence that God desires to use them to proclaim the Gospel to others through power and healing. May not be offered every semester.

Religion 301 - Morality

Required, 11th Grade

Several key themes relating to catholic morality will be discussed in this course. These themes include the definition of morality, moral decision-making, relationships with others, life issues and sexual issues, referencing Theology of the Body. Students will identify the gospel values of Jesus as principles of moral conduct. Students will develop and demonstrate how a conscience formed with the cardinal virtues is evident in personal decisions. Students will discuss the various forms of sin and its effect upon individuals and society. In addition, the course will explore each person's unique Christian identity emphasizing the spiritual, emotional and intellectual growth of young Christians, in their relationship with God, others and self.

Religion 302 - Catholic Social Teaching

Required, 11th Grade

This course explores relevant social issues in light of the Catholic Social Teachings in the Church. Issues include the following: hunger, peace, equality, human dignity, rights and responsibilities, dignity of work and the rights of workers, concern for the poor, immigration, non-violent conflict resolution and life issues.

Religion 303 - Service**

Required, 11th and 12th Grades

This semester course addresses the important issue of living a Christian life by sharing one's talents, time and gifts with others. Service to others is a key teachings of Christ to his followers. Course

work includes limited classroom instruction and learning followed by service placement at a nursing home, St Edmond School, or other special sites. Key learning takes place as the students reflect and analyze elements of their volunteer service experience and how it should enhance their lives as Christians now and in the future.

Religion 304 - Gael Leadership Seminar ***

Elective, 11th and 12th Grades, Year Long Seminar

This elective provides juniors and seniors the opportunity to choose from a list of St. Edmond High School faculty members that will be an ongoing mentor throughout the school year. Students will work with their mentor to set goals for the upcoming year in the areas of intellectual, spiritual, human, and ministry formation. Students will meet monthly with their mentor for continued guidance and close out the school year by writing a self-reflection on how they have grown in the areas listed above, identify areas which still need growth, and receive additional feedback on their self-reflection from their mentor. Students that choose to make use of the program will also read a book each semester as an aid to their ongoing growth." Students must register and begin in the Fall semester.

Religion 401 - Discipleship

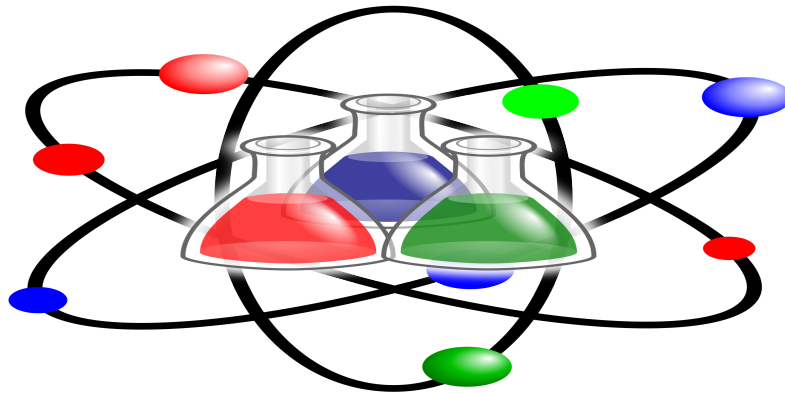
Required, 12th Grade

Discipleship is a course for seniors that seeks to form young people who not only know how the Scriptures and Catholic social teaching call them to justice and love, but who possess the ability and desire to respond to that call in their daily life. This course will also address apologetics subjects, service and growth in their spiritual lives.

Religion 402 - Theology of the Body and Vocations

Required, 12th Grade

The course will begin with a look at the teachings of femininity and masculinity before moving towards the twelve themes of Theology of the Body. This course will then focus on adult vocations in the two sacraments of marriage and priesthood. The discernment of these vocations involves preparation through living a chaste single life, which is also essential to living the permanent single vocation. For both women and men, lay and ordained, careful deliberation must also be given to the various callings of how to live our lives. This course provides a thorough presentation of these permanent vocations to marriage and religious life and the path to committing to each one.



SCIENCE OBJECTIVES

- Students will understand major concepts in earth science and how these apply to society.
- Students will understand major concepts in life science and how these apply to society.
- Students will understand major concepts in physical science and how these apply to society.
- Students will use the scientific inquiry process (e.g. questioning, observing, predicting, experimenting, controlling variables, concluding) to understand the natural world.
- Students will recognize the inter-relationships among the earth, life, and physical sciences and their effect on the environment.
- Students will know the needs, functions, and systems of the human body as it develops into an adult.

SCIENCE

Six (6) credits are required for graduation

BIOLOGY

NCAA Approved

Year, 2 credits, 10

Students will explore the fundamental characteristics of living matter through discussions, activities, laboratory exercises and dissections. First semester topics include: the nature of life, cell function, cell division and energy; genetics, DNA and RNA structures and functions and human heredity. Second semester topics include: ecology, evolution and human systems.

BOTANY

NCAA Approved

Semester, 1 credit, 10, 11,12

Botany is the scientific study of plants and their relationship to the environment. In this course, students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants.

CHEMISTRY

NCAA Approved

Year, 2 credits, 11

Prerequisite: Algebra I, Physical Science and with Teacher Discretion/ Approval, must pass 1st semester to take 2nd semester,

We live in a chemical world -- a world of plastics, pesticides, dwindling petroleum resources, drugs, food additives, detergents, and pollutants. Knowledge of chemistry will help the student to better understand the benefits and hazards of this world and enable the student to make intelligent decisions in the future. This course tries to balance theoretical chemistry with practical applications to produce a basis for college students as well as informed consumers.

CONSERVATION SCIENCE

NCAA Approved

Semester, 1 Credit, 11,12

Students will develop skills, build an understanding of science and learn scientific techniques taught through the lens of conservation with an emphasis on hands-on, real-world activities. The curriculum focuses on wildlife conservation and the outdoor recreational activities that financially support the North American Model of Wildlife Conservation, such as hunting, fishing, trapping, conservation work, shooting sports and boating. Conservation Science gives students a foundational basis for how these activities directly benefit habitat acquisition, enhancement and protection, as well as wildlife management, including game, nongame and endangered species.

EARTH SCIENCE

NCAA Approved

Semester, 1 credit, 11, 12

Offered odd years

Earth Science is a course that is designed to interpret and understand God's creation around us. In order to do so, students will investigate and study the interactions between the four major Earth's spheres, including the geosphere, atmosphere, hydrosphere and biosphere in order to explain Earth's formation, processes, history, landscapes, how and why Earth changes over time. Topics to be addressed include, but are not limited to, the scientific method, mapping Earth's surface, minerals, rock, plate tectonics,

earthquakes, volcanoes, tectonic time, and meteorology. Students will participate in laboratory exercises, small group activities, web based investigations, class discussions, projects and research.

ENVIRONMENTAL SCIENCE

NCAA Approved

Semester, 1 credit, 11, 12

Offered odd years

Prerequisite: Completed and passed Biology and Physical Science

Environmental Science is a one semester class that applies aspects of several different areas of life science and earth science study. The primary focus of the class is to identify the high degree of interactions among different living things in the natural world. This will include, but not be limited to, study of biotic and abiotic factors, different ecosystems and biomes, populations and carrying capacities, earth's resources, energy flow, and what it means for responsible use of the environment.

HUMAN ANATOMY AND PHYSIOLOGY

NCAA Approved

Semester, 1 credit 11, 12

A study of the structure and function of the human body. This course is the first course of a two-semester sequence. The study begins at the cellular level and proceeds through the integumentary system, skeletal system, muscular system, the central, peripheral and autonomic nervous systems and the senses. A dissection of a cat will be included.

HUMAN ANATOMY AND PHYSIOLOGY 2

NCAA Approved

Semester, 1 credit 11, 12

The study continues with the endocrine system, blood and cardiovascular systems, lymphatic system and immunity, respiratory system, digestive system and the reproductive system.

INTRODUCTION TO ENGINEERING

NCAA Approved

Year, 2 credits 11, 12

Introduction to Engineering is a high school level course for students who are interested in design and engineering. The major focus of the course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. This course is partnered with Engineering Tomorrow, an organization dedicated to "*continuing to promote America's leadership in innovation and problem solving at the highest levels.*"

PHYSICAL SCIENCE

NCAA Approved

Year, 2 credits, 9

General Science starts off with the study of matter, waves and energy. It then moves to a focus on the Sun, Earth, moon system. The final area of study transitions into soil and ecology. Students will develop the abilities and understandings necessary to do scientific inquiry (as explained in the *Next Generation Science Standards*) through their participation in hands-on labs and activities.

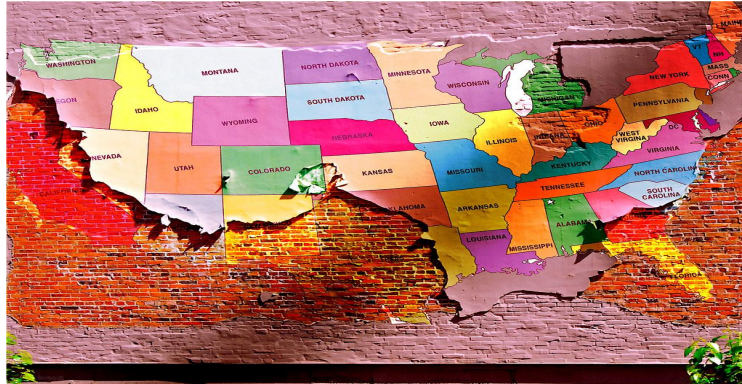
PHYSICS

NCAA Approved

Year, 2 credits, 11, 12

Prerequisite: Algebra II, Physical Science and with Teacher Discretion/ Approval

Physics is the study of the relationship between matter and energy. This lab-based course will explore the concepts of energy, motion, forces, sound and light, and electricity and magnetism. Students will hone their scientific understandings and abilities (as explained in *Next Generation Science Standards*), as well as continue to practice the essential features of scientific inquiry



SOCIAL STUDIES OBJECTIVES

- The student will use maps, charts, and graphs to obtain information.
- The student will demonstrate research skills.
- The student will demonstrate cultural awareness.
- The student will demonstrate a geographic perspective.
- The students will demonstrate participatory citizenship.
- The student will demonstrate an understanding of democracy.
- The student will demonstrate economic awareness.
- The student will demonstrate historical thinking.

SOCIAL STUDIES

Six (6) credits are required for graduation

United States History (9th grade), American Government (12th grade), and Economics (11th or 12th grade) are the only required courses for graduation; all others are electives.

AMERICAN GOVERNMENT

NCAA Approved

Semester, 1 credit, 11,12

Prerequisite: United States History

This required course is a survey of the American Government. It covers a variety of topics from its origins through modern interpretation. Included in this course are units on the principles of American Government, the role of the American voter, and the Constitution. Students will gain an understanding of the roles the executive, legislative, and judicial branches play in our American Government; similarly in state and local politics.

ECONOMICS

NCAA Approved

Semester, 1 credit, 11,12

This required course introduces students to Economics. Students cover a variety of topics ranging from the distribution of resources through the value of money and its purpose in a global economy. This is a Macroeconomics course but it does focus as well on some Microeconomics issues that occur in or outside our community. Students will also increase their skills in financial literacy and responsibility.

GEOGRAPHY

NCAA Approved

Semester, 1 credit, 10, 11, 12

This course introduces students to both physical and human geography. Students will focus on the 5 themes of geography as they examine the seven continents. In addition, students will connect current events and natural disasters as they pertain to geography and analyze cultural shifts and developments throughout recent history.

LEGAL STUDIES

NCAA Approved

Semester, 1 credit, 10, 11, 12

Students will learn the difference between criminal and civil laws. Students will be exposed to the legal system, contract law, and a variety of court cases. The use of a variety of teaching styles will allow the students to become familiar with the material.

UNITED STATES HISTORY

NCAA Approved

Year, 2 credits, 9

This required course provides coverage of the history of the United States from Reconstruction through the twentieth century. To accomplish this goal, students will explore six themes in United States history: Global Interaction, Constitutional Government, Expanding Democracy, Pluralistic Society, American Culture, and Geography. This class will include intensive assignments, cooperative learning, and alternative assessments.

WWII IN DEPTH

NCAA Approved

Semester, 1 credit, 10, 11, 12

Building off ninth grade US History, this class will take a more in depth study of World War II. The causes of the war, important individuals, specific battles, the war in Africa/Europe/The Pacific, the planning of the D-Day invasion, the importance of the American workforce, new weapon, technology and the development of the atomic bomb will be the areas of emphasis for this class. In addition, the peace treaty and the effects on the post war world will be examined.



WORLD LANGUAGE OBJECTIVES

- Students understand and interpret spoken and written communication in the target language on a variety of topics.
- Students demonstrate an awareness of the culture of the language.
- Students reinforce and further their knowledge of other disciplines through the target language.
- Students will develop insight into their own language and culture through the study of the target language.
- Students recognize the usefulness of the target language and culture in multilingual communities.

WORLD LANGUAGE

World Language Grade Prerequisites: St. Edmond Catholic administration and World Language Department faculty highly recommend that a student receive a C- or better in English/Language Arts before registering for a world language course.

In Spanish I, a student must successfully complete or have a teacher recommendation to continue onto semester 2 or the next level.

SPANISH I

NCAA Approved

Year, 2 credits, 9

See Foreign Language Prerequisites at the beginning of this section.

Spanish I involves learning the skills of listening, speaking, reading and writing. Oral presentations include such topics as the family, school, sports, etc. In addition, songs, CD's, games, magazines, skits and guest speakers are used to introduce the cultural, historical and contemporary background of the Spanish-speaking people and the role of the church in their society. Technology is used to enhance communicative skills and also used as a tool to make presentations.

SPANISH II

NCAA Approved

Year, 2 credits, 10

Prerequisite: See Foreign Language Prerequisites at the beginning of this section.

Spanish II develops more fluency in listening, speaking, reading and writing with continued study of the cultures of Spanish-speaking peoples, their daily lives and the role the church has played and continues to play in the society. Activities will include skits, music, games, magazines and videos. Students will seek out opportunities to incorporate their Spanish skills in the community or through TV, radio, etc. Technology is used to enhance communicative skills and also used as a tool to make presentations.

SPANISH III

NCAA Approved

Year, 2 credits, 11

Prerequisite: See Foreign Language Prerequisites at the beginning of this section.

Spanish III further develops fluency in speaking, reading and writing with more in-depth study of Spanish culture. Oral activities will include small group conversations, role-playing, skits and short plays. Students are encouraged to speak Spanish only. Reading materials are drawn from short stories, magazines and cultural readers. These are chosen and designed to initiate class discussion in the target language and to teach culture. Writing skills will be developed through various activities from guided writing to free composition. Students will seek out opportunities to incorporate their Spanish skills in the community or through TV, radio, etc. Technology is used to enhance communicative skills and also used as a tool to make presentations.

SPANISH IV

NCAA Approved

Year, 2 credits, 12

Prerequisite: See Foreign Language Prerequisites at the beginning of this section.

Spanish IV will be taught primarily in the target language. Although this final year will be a continuation of the four basic skills, the course of study will be more flexible, including individual projects done in Spanish. The Church's role is evident through the many cultural topics. Students will seek out opportunities to incorporate their Spanish skills in the community or through TV, radio, etc. The student will be able to communicate, though somewhat limited, with a native speaker on a subject within the range of the student's language experiences. Technology is used to enhance communicative skills and also used as a tool to make presentations.

UNIQUE COURSES:

CULINARY ARTS 2: BAKING, PASTRY, AND MORE! (Online)

Semester, 1 credit, 11, 12

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, you'll build a strong foundation and grow your knowledge of this exciting industry. Explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. Enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company.

HISTORY OF FOOTBALL

Semester, 1 credit, 10, 11, 12

This course will take you through the history of the sport of football. From its early beginnings in 1869 all the way through modern day football. WE will explore the history which began with college football, was nearly banned in the early 1900s due to massive injuries and deaths, then entered into a whole new realm with the introduction of the forward pass. We will look at and discuss all the advancements in the game itself from humble beginnings to current day football. We will also look at the advancements in safety, modern day equipment, rule changes that have drastically affected the game. We will also take an in depth look at the high school game, college, football, and NFL. I anticipate this class to have very lively discussions, some interesting video presentations, and some very interesting readings as well. Buckle your chin straps and let's get ready for some football.

LEADERSHIP

Semester, 1 credit, 10, 11, 12

This course is designed to help students become better leaders. It will focus on building a student's personal and group leadership skills. Students who want to be actively involved in groups or seek leadership roles are encouraged to take this course. Some of the topics to be covered include communication, group skills, self-awareness, and leadership philosophy

SPORTS OFFICIATING

Semester, 1 credit, 10, 11, 12

This is a semester course designed to teach students the rules, management and mechanics of officiating for high school or middle school sports of football, basketball, baseball and softball. The goal of the class is for the students to become certified officials in the sport or sports of their choosing.

SPECIAL TESTING PROGRAMS:

There are numerous tests administered by organizations other than the high school for special purposes such as college admission, scholarships, placement, and vocational guidance. Therefore, it is necessary that students begin planning early, for the choice of college will determine which tests are needed, and make applications for these tests. Information about these tests may be obtained in the guidance office or the guidance website. Students are encouraged to discuss their individual needs with the counselor.

See list of testing programs below.

IOWA ASSESSMENTS:

Required for all freshmen-juniors

The Iowa Assessment test is used to obtain information about students' level of achievement through a carefully selected sample of tasks that require students to apply their knowledge and skills in new situations. The results from these tests can be used by teachers, counselors, students, and others who are directly involved in the educational process. The score will be also used to determine if a student qualifies for college course placement.

PSAT/NATIONAL MERIT EXAM:

This test is administered **to any sophomore or junior who chooses to take it in the fall semester.** It has a two-fold purpose: (1) to give students planning to enter a college program an estimate of how well they might expect to score on later college entrance exams; and (2) to enter into competition for National Merit scholarships. It is recommended that the top 25% take this test; however, it is open to any student who chooses to take it.

PRE-ACT EXAM:

ACT announces the launch of PreACT™, a 10th grade multiple-choice assessment for 10th grade students that choose to participate, that helps students prepare for the experience of taking the ACT® test and provides information regarding their future performance on the exam.

AMERICAN COLLEGE TESTING PROGRAM (ACT):

The ACT is used by many colleges for admission, placement, and scholarships. If the college of your choice requires this test, you should plan to take the ACT battery of tests. This test is most often taken during the junior year, but can be taken anytime during high school. There are six (6) different National Test Dates throughout the year. The following months have a test date: February, April, June, September, October and December. You should consult your counselor or the ACT website (www.actstudent.org) for dates and registration guidelines.

COLLEGE ENTRANCE EXAMINATION BOARD (SAT I/SAT II):

This organization administers the "College Board" tests which are required for admission to some colleges. Colleges requiring "College Boards" will ask that the student have the Scholastic Aptitude test (SAT); however, some colleges may also require the Achievement Tests. These tests are mainly for seniors, although some juniors may wish to take them in the spring or summer. Students should consult your counselor or the College Board website (student.collegeboard.org) for dates and registration guidelines.

COLLEGE COURSES GRADING

1. College Course Grading: If classes are taught at St. Edmond students will be awarded + and – per our grading scale on their high school transcript. A straight letter grade will be posted on ICCC's transcript.

2. If the classes are taught at Senior High, online or on ICCC's campus the grade will be posted on their high school transcript the same as it is posted from credit awarding school's transcript.

COLLEGE ATTENDANCE POLICY

College attendance policies are per each course syllabus or unique to each course.

HIGH SCHOOL COLLEGE CLASS INFORMATION

Dual credit classes earn students high school and college credit at the same time. It is important to note that whatever grade students receive for a dual credit class is recorded on the high school grade transcript and college transcript. Therefore, it is important that students take the coursework seriously and do their best.

*Dual credit classes ARE counted toward Financial Aid Standards of Academic Progress. Students' grades and/or withdrawals could impact their future financial aid.

Courses Offered at Fort Dodge Senior High

REQUIREMENTS FOR TAKING CLASSES AT SENIOR HIGH AND/OR ICCC ONLINE OR IN-PERSON (EARLYBIRD) COURSES

Taking a Senior High Class

St. Edmond students can take classes that are offered at Senior High if they meet the qualifications and prerequisites set by both Senior High and St. Edmond. Students who wish to take a Senior High Class or a college class which Senior High pays for will need to register at Senior High. Students will need to follow the steps listed below in order to register for these classes.

1. Request the specific course(s) as soon as you think you are interested in an online course or in-person course at Senior High. (This will allow us to inform Sr. High that we have students interested in classes so they can adjust the number of sections to offer.)
2. When the student receives his/her tentative schedule for the semester, he/she should then see the academic advisor to get permission to go over and talk to Sr. High's counselor to register. **(Students wanting classes should be registered no later than the beginning of March, and students should be prepared to register for the whole year of courses if they are taking any online courses.)**
3. After meeting with the counselor, the student should then notify the St. Edmond academic advisor of what classes he/she enrolled in and when it/they are offered, so she can add them to your schedule.

***Senior High designs their course schedule around their student's requests. You may not always get into courses that you want because they conflict with courses that you need at St. Edmond. When you take a class on Senior High's campus you will need to call their attendance office as well as ours if you are sick or are going to miss a class. All grades received in classes from Senior High will be transferred to your St. Edmond transcript and will be included in your cumulative grade point average.

***** Course offerings are on the Fort Dodge Community Schools website.**

SENIOR YEAR PLUS

Iowa Code/Statutes (Code Chapters & Sections)/2009 Merged Iowa Code and Supplement/TITLE VII

EDUCATION AND CULTURAL AFFAIRS/SUBTITLE 3 HIGHER

EDUCATION/CHAPTER 261E SENIOR

YEAR PLUS PROGRAM/261E.1 Senior year plus program.

261E.1 Senior year plus program.

1. A senior year plus program is established to be administered by the department of education to provide Iowa high school students increased access to college credit or advanced placement coursework. The program shall consist of the following elements:

a. Advanced placement classes, including on-site, consortium, and online opportunities and courses delivered via the Iowa communications network.

b. Community college credit courses offered through written agreements between school districts and community colleges.

c. College and university credit courses offered to individual high school students through the postsecondary enrollment options program in accordance with section 261E.6.

d. Courses offered through regional and career academies for college credit.

e. Internet-based courses offered for college credit, including but not limited to courses within the Iowa learning online initiative.

2. The senior year plus programming provided by a school district pursuant to sections 261E.4 and 261E.6 may be available to students on a year-round basis. 2008 Acts, ch 1181, §51

Iowa Central courses offered online can be found on the Iowa Central website at www.iowacentral.edu.



**IOWA CENTRAL
COMMUNITY COLLEGE**

North Central Career Academy

Why attend a Career Academy?

- It provides an opportunity for a group of students from different school districts to enroll in a specific set of courses associated with a designated career area.
- Provides clear and precise career pathways through a specific sequence of courses.
- Allows school districts to pool resources and instruction
- Provides more educational opportunities to students
- Allows students to study all the basic courses AND get a skill they will keep for a lifetime... all while getting a head start on a career path.
- National Credentialing where available and applicable, such as the National Career Readiness Certificate (NCRC)
- If accepted, students may participate in two different career pathways, over the course of two years. Students that are eligible to apply are Juniors, Seniors and TAG students.

Structure

- Participating students will travel to the North Central Career Academy 5 days a week and take part in a career pathway from 8:20 am – 11:10 am each day. Students will take a specific sequence of courses that will provide skills and an educational base that will allow students to either transfer these college credits into an academic program at the post-secondary level, or seek employment. Students have the opportunity to gain college credit courses in a discipline that interests them, while still attending high school. These career pathways are designed to lead into multiple college programs giving the most flexibility to students who participate.
- Students will also participate in an Orientation course and a College Experience (1 college credit) course to orient them to the expectations and schedule of each career pathway as well as expose each student to different aspects of post-secondary education including topics such as college applications, financial aid, housing, and entrance requirements.

Student Commitment

- Students that wish to participate and are accepted into the North Central Career Academy are committing a full academic year to the career pathway. This means they will attend the academy 5 days a week, for the entire school year. The student will also be held to the same

standards that a regular college student is held to, and will follow the Iowa Central academic calendar. They will be held accountable to all college policies and procedures that are listed in the Iowa Central student handbook, including our Administrative Withdrawal policy which states a student will be withdrawn from a class if he/she misses 25% or more of those classes scheduled class meetings.

- Students will also have the opportunity to participate in industry tours, access to guest speakers and possible job shadowing, as well as college visits and career fairs.

Savings and Scholarships

- By participating in a career pathway, students have access to college credits that can save them both time and money when it comes to entering an academic program at the post-secondary level. Students can save a significant amount of money on tuition, books, materials and supplies through this program.
- As another incentive, all students that participate and complete a career pathway will be issued a \$500 academic scholarship that can be used if they enroll as a full time college student at Iowa Central Community College after their high school graduation.

Career Academy Pathways

Career Academy Pathways are available on the Iowa Central Community College website at www.iowacentral.edu under the Academics tab.

Triton Academy

Triton Academy Application

Iowa Central has created a new opportunity for high school students to take advantage of the many academic and career-ready programs that are offered on the Fort Dodge campus and Online! High school students can enroll in approximately 9 credit hours per semester in the programs identified below. Students who are able to come to our Fort Dodge campus will be in classes with our college students, creating a real college learning environment while earning credits toward one of the many programs that have been made available through this opportunity.

For those high school students who do not have the option of traveling to our Fort Dodge campus, or one of the other area career academies, Iowa Central is offering a wide variety of program opportunities Online for students to begin earning college credit.

Why attend an Iowa Central (Career or Triton) Academy?

- It provides an opportunity for students from different school districts to enroll in a specific set of courses associated with a designated academic or career area.
- Provides clear and precise academic and career pathways through a specific sequence of courses.
- Provides more educational opportunities to students.
- National Credentialing, such as the National Career Readiness Certificate (NCRC) and OSHA 10, as well as Apprenticeship programs are available for select students and career pathways.
- Students in grades 9-12 are able to take advantage of these on-campus and online offerings.

Savings

By participating in the Triton Academy, students have access to college credits that can save them both time and money when it comes to entering an academic program at the post-secondary level. Based on 2021-2022 Iowa Central tuition rates, students can save themselves and their parents around \$3,744 (18 credits, not to mention the savings on the textbooks, materials and supplies which can average between \$400 and \$1,000 a year, depending on the academic or career pathway.

Triton Academy - Fort Dodge Campus Program Opportunities

Participating high school students will travel to Iowa Central's Fort Dodge campus 5 days a week and take part in an academic or career pathway from 8:00 a.m. to approximately 12:00 p.m. Students will take a specific sequence of courses that will provide skills and an educational base that will allow students to either apply toward an Iowa Central program, or seek employment within many high demand business and industry needs. High school students have the opportunity to gain access to college credit courses in a discipline that interests them, while still attending high school. These academic and career pathways are designed to lead into multiple college programs giving the most flexibility to students who participate.

Students who are able to come to the Fort Dodge campus will also be held to the same standards that a regular college student is held to, and will follow the Iowa Central academic calendar. They will be held accountable to all college policies and procedures that are listed in the Iowa Central student handbook. One example is the Administrative Withdrawal policy which states a student will be withdrawn from a class if he/she misses 25% or more of that class' scheduled class meetings.

Automotive Collision Technology, AAS

Automotive Technology, AAS

Baking and Pastry Arts Diploma

Communication, Transfer Major AA
Computer Languages Certificate
Criminal Justice, AAS
Culinary Arts, AAS
Diesel Technology, AAS
Digital Arts, AAA
Digital Media Production, AAS
Education - Early Childhood Diploma
Early Childhood (Teacher Licensure), Transfer Major AA
Electrical Technologies, AAS
Elementary Education, Transfer Major AA
Engineering & Design Technology, AAS
Engineering Transfer Major AA
English, Transfer Major AA
Fine Arts, Transfer Major AA
Fire Science, AAS
Graphics Technology, AAS
Health Science
History, Transfer Major AA
Human Services, AAS
Human and Family Services, Transfer Major AA
Heating and Air Conditioning Technology, AAS
Industrial Mechanics Certificate
Journalism, Transfer Major AA
Mathematics, Transfer Major AS
Medical Assistant, AAS
Photography, AAS
Political Science, Transfer Major AA
Protective Services
Secondary Education, Transfer Major AA
Social Work Transfer Major AA
Sociology, Transfer Major AA
Swift App Development Diploma
Theatre, Transfer Major AA
TV and Radio Production, AAS
Web Technology, AAS
Welding Technology, Diploma

Triton Academy – Online Opportunities

High school students who are wanting to take advantage of the Triton Academy Online course opportunities are able to enroll in a specific set of online courses that align with academic and career-ready programs from the convenience of their home or school district. These classes are designed to be asynchronous where the student can work at their own pace

throughout the week. Weekly deadlines for forums, assignments, and assessments are required to help students continue on a learning path throughout the term.

Many of the programs offered Online through the Triton Academy are available completely Online. For more information about completing the program 100% Online after high school graduation, please contact our Distance Learning Office at 515-574-1085.

Accounting Associates in Professional Studies, APS

Associate Degree Nursing, AAS

Business, Transfer Major AA

Criminal Justice, Transfer Major AA

Elementary Education, Transfer Major AA

Exercise Science and Kinesiology, Transfer Major AA

Human and Family Services, Transfer Major AA

Medical Laboratory Technician, AAS

Paraeducator – Certificate by the Board of Educational Examiners

Paramedic, AAS

Psychology, Transfer Major AA

Radiologic Technology, AAS

Secondary Education, Transfer Major AA

Social Work, Transfer Major AA

Sociology, Transfer Major AA

Questions?

For more information these Triton Academy program offerings, please contact Carrie Rock at 515-574-1096 or rock@iowacentral.edu