Holy Trinity Catholic School

Educational Planning Guide
High School

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Holy Trinity Catholic School Mission

Holy Trinity is eager to develop a learning program of academic excellence and to provide a Christian atmosphere to help students spiritually, physically, emotionally, and intellectually. We believe in the value of a Catholic school system. Holy Trinity is a God-centered school, with Gospel values being central to our theme.

Course Catalog Introduction

Selecting courses for the school year is a process that involves the student, parent, counselor, and instructor. Course selection should be based upon future career goals and post-secondary educational plans. Students are encouraged to familiarize themselves with available courses, graduation requirements, and the registration process. All courses listed in this course catalog may not be offered during any given year. If the course does not meet minimum enrollment requirements, it may be omitted from the schedule. Registration information sessions will be scheduled at each high school to help you plan your high school course of study.

Compliance Statement

Holy Trinity Catholic Schools is an equal opportunity educational institution and will not discriminate on the basis of age, race, creed, color, sex, national origin, religion or disability in its activities, programs or employment practices as required by Title IX, Section 504 and others. Any person having inquiries regarding these procedures, civil rights, or appeals (grievances) shall contact Holy Trinity Catholic Schools.

Grading Scale

Holy Trinity Catholic Schools uses the following grade scale:

A+ 4.0 97-100%
A 4.0 96-93%
A- 4.0 90-92%
B+ 3.67 87-89%
B 3.33 83-86%
B- 3.0 80-83%
C+ 2.67 77-79%
C 2.33 73-76%
C- 2.0 70-72%
D+ 1.67 67-69%
D 1.33 63-66%
D- 1.0 60-62%
F 0.0 0-59%

Career Focused Planning

Career Focus Planning is an educational approach that helps students focus their education on career development while allowing flexibility. The six career pathways identified within this Academic and Career Planning and Course Description Guide are clusters of occupations or careers that have been grouped based on similar interests that people share. Each career pathway includes a sequence of courses that have common foundational skills (core academic, thinking, personal qualities) and varying specific occupational skills. Career focus planning is not a permanent commitment. As one matures and gains new experiences, it will become necessary to make the appropriate changes in career focus planning. One may discuss changes with parents/guardian(s), and counselor(s), and your advisor(s), so course selections will align with new career interests.

Agri-science and Natural Resources Careers in this pathway are related to the environment and natural resources and include occupations in agribusiness, agriculture, animal science, forestry, horticulture, and wildlife management. Careers include those from agricultural procedure to a veterinarian.

Arts and Communications Careers in this pathway are linked to the humanities and include performing, visual and literary arts as well as the communication media. Some occupations include those in creative writing, dance, editing, film, fine arts, graphic arts, journalism, modeling, music, photography, radio, telecommunications, theater, and translating.

Business/Information Management and Marketing Careers in this pathway are in the fields of business and marketing. Some occupations include those in accounting, administrative support staff, advertising, computer science, distribution, finance, insurance, international business, management, marketing research, merchandising, personnel, purchasing, real estate, sales, and tourism.

Engineering/Industrial and Technological Sciences Careers in this pathway are related to engineering, science, technology, construction, manufacturing, and transportation. Some occupations include airline pilots, archeologists, architects, assemblers, carpenters, drafters, engineers of all types, machinists, mechanics, scientists, tool and die makers, and truck drivers.

Family and Human Services Careers in this pathway are linked to family/consumer, economics, political, and social systems. Some occupations in this career focus area include those in hospitality and recreation, public and community service, and the broad field of social services. Careers such as those in childcare, cosmetology, economics, education, fire protection, food service, government, history, hotel and restaurant services, law, law enforcement, the military, and recreation may be found in this career pathway.

Health Sciences Careers in this pathway are part of the health services field. They include occupations in-hospital services, medical technology, medicine, nursing, optometry, pharmacy, psychiatry, psychology, therapy, and others.

Graduation Requirements for Holy Trinity School

To ensure that all students have a sound education in fundamentals, the Board of Education requires that certain courses be taken for graduation. Other courses may be chosen to fit individual needs and plans. Students' programs of study should be the result of cooperative planning by the students with their parents, teachers, and counselors.

Graduation Requirements

Religion 4.0 Credits
English 4.0 Credits
Physical Education 4.0 Credits
Science 3.0 Credits
Math 3.0 Credits
Social Studies 3.0 Credits
Personal Finance 1.5 Credit
Speech 0.5 Credit
Fine Arts 0.5 Credit
Electives 6.5 Credits.
Total 30.0 Credits to Graduate

Electives

Any course that is not used to meet a requirement is considered an elective. All electives are listed on the pages named "Career Choice Courses (Electives)" in each of the six Pathway sections. Electives are listed according to that particular pathway. Questions may be directed to a counselor.

The Advanced Placement (AP) Program

Students should plan a program that will satisfy their interests and prepare them for further education and employment. Completion of the following program will assist students in meeting the admission requirements at most four-year colleges and universities, including all three Iowa public universities:
AP is a program of college-level courses and exams that give high school students the opportunity to receive advanced placement and/or college credit. Students are required to take the AP Exam upon completion of all AP courses in order to earn credits. A minimum score of 3 or 4 on the AP Exam is required to receive college credit. The number of college credits awarded for each course below is subject to the individual college policy, department review, and approval.

Dual Credit

Dual credit refers to successfully completing a course for which the student receives both high school and college credits. This may be a high school course that also carries college credit or a college course that also carries high school credits, such as those in the Postsecondary Enrollment Options Program. Courses that may be used for dual credit are designated with the notation "Dual Credit w/(name of appropriate institution)."

HTC High School Course Selection Worksheet

Student Name:

	9th Grade	10th Grade	11th Grade	12th Grade
Religion				
English				
Social Studies				
Mathematics				
Science				
PE / Health				
Fine Arts				
Business				
World Language				
Electives				
Electives				
Electives				
Electives				
Credits				

Iowa Board of Regents Admissions Index

BUILDING YOUR FUTURE

REGENT ADMISSION INDEX (RAI)

Freshman applicants who wish to enter any of the three Iowa public universities must meet the Regent Admission Index (RAI) requirement. The RAI score is based upon four factors: ACT composite score, high school class rank, cumulative high school grade point average and the number of years of high school courses completed in the core subject areas of English, mathematics, science, social studies and foreign language. *To calculate your own expected RAI, go to* ***www.regents.iowa.gov/RAI/index.html***

RAI CALCULATION:

(2 x ACT composite score)
\+ (1 x high school percentile rank)
\+ (20 x high school GPA)
\+ (5 x total number of years of core courses completed in high school)
Your RAI

	MINIMUM COURSE REQUIREMENTS FOR ADMISSION			OPTIMUM RECOMMENDATIONS FOR SUCCESS
	IOWA STATE UNIVERSITY	THE UNIVERSITY OF IOWA	UNIVERSITY OF NORTHERN IOWA	
ENGLISH	**4 years** emphasizing writing, speaking, reading, as well as an understanding and appreciation of literature.	**4 years** with an emphasis on the analysis and interpretation of literature, composition and speech.	**4 years** including one year of composition, also may include one year of speech, communication or journalism.	**4 years** with an emphasis on the communication skills of writing, reading and listening and the analysis and interpretation of literature. In addition, courses in journalism and media literacy will be valuable. Extracurricular activities in debate, speech contest, newspaper and yearbook will further develop essential competencies.
MATH	**3 years** including one year each of algebra, geometry and advanced algebra.	**3 years** including two years of algebra and one year of geometry for admission to the College of Liberal Arts and Sciences. **4 years** including two years of algebra, one year each of geometry and higher math (trigonometry, analysis, or calculus) for admission to the College of Engineering.	**3 years** including the equivalent of algebra, geometry and advanced algebra.	**4 years**, one in each year of high school. While advanced courses like calculus and statistics are good, it's more important that you gain a complete understanding of advanced algebra and trigonometry.
NATURAL SCIENCE	**3 years** including one year each from any two of the following: biology, chemistry or physics.	**3 years** including courses in physical science, biology, chemistry, environmental science and physics for admission to the College of Liberal Arts and Sciences. **3 years** with at least one year each in chemistry and physics for admission to the College of Engineering. Nursing–3 years, including one year each of biology, chemistry and physics.	**3 years** including courses in general science, biology, chemistry, earth science, or physics. Laboratory experience is highly recommended.	**4 years**, one in each year of high school. To be really well prepared, take at least one year each of biology, chemistry, and physics. These can be taken in any order and may be taught productively in either a separate or an integrated fashion, depending on your school's offerings.
SOCIAL STUDIES	**2 years** for admission to Colleges of Agriculture and Life Science, Business, Design, Engineering and Human Sciences. **3 years** for admission to the College of Liberal Arts and Sciences.	**3 years** with US history and world history recommended for admission to the College of Liberal Arts and Sciences. **2 years** with US history and world history recommended for admission to the College of Engineering.	**3 years** including courses in anthropology, economics, geography, government, history, psychology, or sociology.	**3 years** is essential, but four is better. Take at least one year each of US and world history. Additional courses in anthropology, economics, political science, psychology and sociology provide an important understanding of our political, social and economic institutions.
FOREIGN LANGUAGE	**2 years** of a single foreign language for admission to the Colleges of Engineering and Liberal Arts and Sciences.	**2 years** of a single foreign language are required for admission. For many degrees, the fourth year of proficiency is required for graduation. Nursing– 4 years in a single language or two years each in two different languages.	Foreign language courses are not required for admission. However, two years of foreign language in high school with a C- or above in the last course will meet the university graduation requirement.	**4 years** of a single foreign language. By taking foreign language during all four years of high school, you'll go beyond the basic skills and begin to use the language and reinforce your fluency.
OTHER COURSES	Specific elective courses are not required for admission.	Specific elective courses are not required for admission.	**2 years** of additional courses from the required subject areas, foreign language or the fine arts.	**Explore!** Courses in the fine arts, performing arts, computers, or technology will help round out your high school experience. Your future field of concentration or career may lie in one of those areas. Follow your interests, talents, and the strengths of your school. Remember to choose courses with high academic standards.

IOWA STATE UNIVERSITY
Office of Admissions
100 Enrollment Services Center
Ames, IA 50011-2011
www.admissions.iastate.edu
800-262-3810
admissions@iastate.edu

THE UNIVERSITY OF IOWA
Office of Admissions
107 Calvin Hall
Iowa City, IA 52242-1396
www.admissions.uiowa.edu
319-335-3847
admissions@uiowa.edu

University of Northern Iowa
Office of Admissions
002 Gilchrist Hall
Cedar Falls, IA 50614-0018
www.uni.edu
319-273-2281
admissions@uni.edu

NCAA Requirements

The National Collegiate Athletic Association (NCAA) is a nonprofit organization. Its members are a diverse group and are located all over the country—including more than 1200 colleges and universities, conferences, and other organizations. The NCAA has three membership divisions: Division I, Division II, and Division III. Any school that is a member of the NCAA belongs to one of these divisions. Each school decides which division it belongs to by matching its enrollment, financial situation, and fan support with the requirements of each division.
The Eligibility Center certifies the academic and amateur credentials of all students who want to play sports at an NCAA Division I or II institution as freshmen. In order to practice, play, and receive an athletics scholarship, students need to meet certain academic benchmarks. An additional certification process exists to make sure the student is still an amateur, which is necessary in order for the student to compete.

Academic Credentials + Amateurism Status = College Eligible For more information on NCAA eligibility standards, including GPA, ACT and SAT requirements, visit the following web site: [www.eligibilitycenter.org.](http://www.eligibilitycenter.org)

DIVISION I ACADEMIC STANDARDS

Division I schools require you to meet academic standards for NCAA-approved core courses, core-course GPA and test scores. To be eligible to practice, compete and receive athletics scholarships in your first full-time year at a Division I school, you must graduate from high school and meet ALL of the following requirements:

1. Complete a total of 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (one year of lab, if offered)	ADDITIONAL ENGLISH, MATH OR NATURAL/ PHYSICAL SCIENCE	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

Note: See the core-course progression requirements.

2. Complete 10 out of your 16 core courses, including seven in English, math or natural/physical science, before the start of your seventh semester. Once you begin your seventh semester, you must have more than 10 core courses completed to be able to repeat or replace any of the 10 courses used to meet the 10/7 requirement. Students whose academic credentials are solely international (including Canada) are not required to meet the 10/7 requirement.

3. Complete the 16 NCAA-approved core courses in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.

4. Earn an SAT combined score or ACT sum score that matches your core-course GPA (minimum 2.300) on the Division I sliding scale. SAT scores earned on or after March 2016 will be evaluated based on concordance tables established by the College Board.

How to plan your high school courses to meet the 16 core-course requirement:

4 X 4 = 16

4 English courses (one per year)
+ 4 math courses (one per year)
+ 4 science courses (one per year)
+ 4 social science (and/or additional) courses (one per year)

16 NCAA core courses

Academic Certification Decisions

To receive an academic certification, you must have:

- A final official transcript with proof of graduation.
- Official transcripts from ALL high schools attended.
- Test scores.
- No open academic tasks.
- Be on a Division I school's institutional request list.

Being placed on a school's institutional request list notifies the NCAA Eligibility Center to complete an academic evaluation for you once all of your appropriate documents have been submitted.

Once a certification has been completed, you will receive one of the following decisions if you are being recruited by a Division I school:

EARLY ACADEMIC QUALIFIER

If you meet specific criteria after six semesters of high school, you may be deemed an early academic qualifier for Division I and may practice, compete and receive an athletics scholarship during your first year of enrollment. You will need:

Minimum SAT combined score* (math and critical reading) of 900 OR minimum ACT sum score of 75; and a core-course GPA of 3.000 or higher in a minimum of 14 core courses:

- Three years of English.
- Two years of math.
- Two years of science.
- Two additional years of English, math or natural/physical science.
- Five additional core courses in any area.

A final high school transcript is required to be submitted to the NCAA Eligibility Center after high school graduation for all early academic qualifiers.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of enrollment at an NCAA Division I school.

ACADEMIC REDSHIRT

You may receive an athletics scholarship during your first year of enrollment and may practice during your first regular academic term but may NOT compete during your first year of enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

NONQUALIFIER

You will not be able to practice, receive an athletics scholarship or compete during your first year of enrollment at a Division I school.

What if I Don't Graduate on Time?

In Division I, if you do not graduate on time (in four years/eight semesters), the NCAA Eligibility Center still will use your grades and coursework for the first four years/eight semesters in your certification. You still will need to provide proof of graduation (once you graduate) and you may not use any coursework taken after your high school graduation toward your certification.

What if I Don't Meet the Division I Standards?

If you have not met all of the Division I academic standards, you may not compete in your first year at a Division I college. However, if you qualify as an academic redshirt, you may practice during your first term in college and receive an athletics scholarship for the entire year.

To qualify as an academic redshirt, you must graduate high school and meet ALL of the following academic standards:

- Complete 16 core courses.
- Earn an SAT combined score* or ACT sum score matching your core-course GPA (minimum 2.000) on the Division I sliding scale.

Courses Taken After High School

For Division I, only courses completed in your first eight semesters will qualify as core courses. If you graduate from high school on time (in eight semesters) with your incoming ninth-grade class, you may use one core course completed in the year after graduation (summer or academic year) before full-time collegiate enrollment. You may complete the core course at a location other than the high school from which you graduated and may initially enroll full time at a collegiate institution at any time after completion of the core course. A college course taken after high school graduation can be used toward your initial eligibility and will be awarded 0.5 units unless awarded one full unit by your home high school, and it must appear on your home high school transcript with grade and credit.

An additional core-course unit taken after on-time high school graduation cannot replace a course used to meet the core-course progression (10/7) requirement, but an additional core course after on-time graduation may replace one of the remaining six core-course units necessary to meet core-course requirements.

Remember, if you took the SAT on or after March 2016 you need to compare your score on the College Board concordance table. Learn more about the concordance table on page 24 or visit* ***ncaa.org/test-scores**.*

Sliding Scale for Division I

Remember, if you took the SAT on or after March 2016 you need to compare your score on the College Board concordance table. Learn more about the concordance table on page 24 or visit **ncaa.org/test-scores.*

DIVISION I FULL QUALIFIER SLIDING SCALE		
CORE GPA	SAT* READING/MATH	ACT SUM
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58

DIVISION I FULL QUALIFIER SLIDING SCALE		
CORE GPA	SAT* READING/MATH	ACT SUM
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

ACADEMIC REDSHIRT

DIVISION II ACADEMIC STANDARDS

Division II schools require college-bound student-athletes to meet academic standards for NCAA core courses, core-course GPA and test scores.

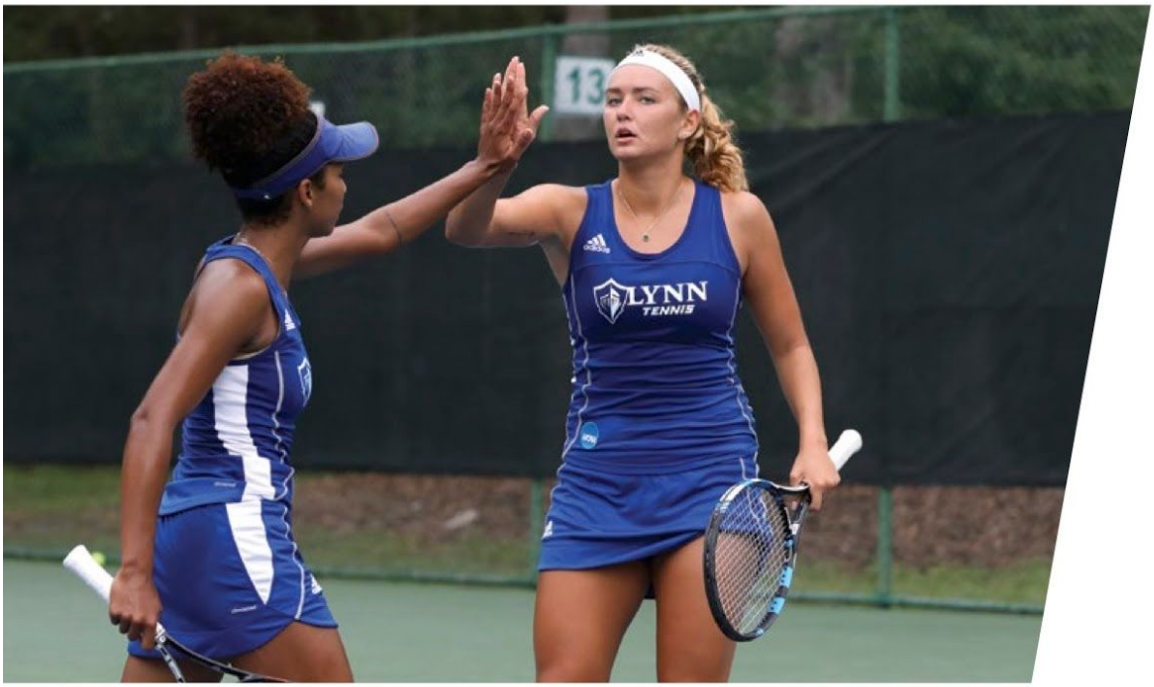
NCAA Division II MAKE IT YOURS™

To be eligible to practice, compete and receive an athletics scholarship in your first full-time year at a Division II school, you must graduate from high school and meet ALL of the following requirements:

1. Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (including one year of lab science, if offered)	SOCIAL SCIENCE	ADDITIONAL (English, math, or natural/physical science)	ADDITIONAL (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy)
3 years	2 years	2 years	2 years	3 years	4 years

2. Earn an SAT combined score* or ACT sum score that matches your core-course GPA (minimum 2.200) on the Division II competition scale.



Academic Certification Decisions

To receive an academic certification, you must have:

- A final official transcript with proof of graduation.
- Official transcripts from ALL other high schools attended.
- Test scores.
- No open academic tasks.
- Be on a Division II school's institutional request list.

Being placed on a school's institutional request list notifies the NCAA Eligibility Center to complete an academic evaluation for you once all of your appropriate documents have been submitted.

Once a certification has been completed, you will receive one of the following decisions if you are being recruited by a Division II school:

EARLY ACADEMIC QUALIFIER

If you meet specific criteria listed below after six semesters, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship. You will need:

Minimum SAT combined score (math and critical reading) of 820 on the old SAT or 900 on the redesigned SAT OR minimum sum score of 68 on the ACT; and a core-course GPA of 2.5 or higher in a minimum of 14 core courses in the following areas:

- 3 years of English.
- 3 years of math.
- 2 years of natural or physical science.
- 6 additional core courses in any area.

A final high school transcript is required to be submitted to the NCAA Eligibility Center after high school graduation for all early academic qualifiers.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment at an NCAA Division II school.

PARTIAL QUALIFIER

You may receive an athletics scholarship during your first year of enrollment and may practice during your first year of enrollment, but may NOT compete.

NONQUALIFIER

You will not be able to practice, receive an athletics scholarship or compete during your first year of full-time enrollment at a Division II school.

What if I Don't Meet the Division II Standards?

If you enroll full time at a Division II school and you have not met all Division II academic standards, you may not compete in your first year. However, if you meet the standards to be a partial qualifier, you may practice and receive an athletics scholarship in your first year at college. To be a partial qualifier, you must graduate high school and meet ALL of the following standards:

- Complete 16 core courses; AND
- Earn an SAT combined score* or ACT sum score matching your core-course GPA (minimum 2.000) on the Division II partial qualifier sliding scale.

Core-Course Timeline

If you plan to attend a Division II school, you must complete 16 NCAA core courses after starting grade nine and before your first full-time college enrollment.

Courses Taken After High School

For Division II, you may use an unlimited number of core courses completed after graduation (summer or academic year) before full-time collegiate enrollment. You may complete the core course(s) at a location other than the high school from which you graduated. A college course taken after high school graduation can be used toward your initial eligibility and will be awarded 0.5 units unless awarded one full unit by your home high school, and it must appear on your home high school transcript with grade and credit.

Remember, if you took the SAT on or after March 2016 you need to compare your score on the College Board concordance table. Learn more about the concordance table on page 24 or visit* ***ncaa.org/test-scores**.*

Sliding Scale for Division II

Remember, if you took the SAT on or after March 2016 you need to compare your score on the College Board concordance table. Learn more about the concordance table on page 24 or visit **ncaa.org/test-scores.*

DIVISION II FULL QUALIFIER SLIDING SCALE		
USE FOR DIVISION II BEGINNING AUGUST 2018		
CORE GPA	SAT* READING/MATH	ACT SUM
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE		
USE FOR DIVISION II BEGINNING AUGUST 2018		
CORE GPA	SAT* READING/MATH	ACT SUM
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

Fine Arts - Vocal Music

High School Chorus

Semesters: 2
Grades: 9,10,11,12
Credits: 1

Choral activities include concert choir, small vocal ensembles, musical theater, honor choirs, and the opportunity to participate in the Solo and Ensemble yearly events. Students may also audition for the all-Iowa OPUS honor choir 7th-9th grade as well as the Iowa all-state chorus in high school. The program is designed to expose young musicians to all genres of music. Special emphasis is placed on proper performance etiquette and poise in a public arena. Students are expected to participate in two concerts, state large group contests (high school), and other performances as assigned. Skills developed through choral music performance offerings are highly prized as keys to success in higher education, the workplace, and the community at large. Teamwork and a positive attitude are a must.

Fine Arts - Instrumental Music

High School Band:

Semesters: 2
Grades: 9, 10, 11, & 12
Credits: 1

The HTC Music Department offers the opportunity for students to study and perform instrumental music. The HTC band program encourages students to learn how to enjoy music while acquiring the music skills and discipline to perform music to the best of their ability, both individually and as a team of musicians. Class activities emphasize the development of instrument technique, tone production, tuning, fundamentals of music theory, music reading, and listening skills.

The HTC band program develops musicianship through the experience of parade marching, concert band, and pep band genres. Students are expected to participate in two formal concerts and other performances as assigned. Students will have the opportunity to participate in the State Solo and Small Ensemble Festival, Jazz Band, and various honor bands.

Fine Arts - Visual Arts

The Art Department of Holy Trinity Catholic High School is designed to broaden the aesthetic experience of its students. The department affords students the experience in art orientation and techniques. The courses are electives for those students who wish to pursue their interests independently through various forms of art media. Certain prerequisites need to be considered in order to advance from one level to the next.

Art I*:* (Elective)

Semesters: 2
Grades: 9,10,11,12
Credits: 1

Drawing 1 is required in the 1st quarter the student is enrolled in Art 1. Electives for the 2nd, 3rd, and 4th quarters are Painting, Ceramics, Sculpture, or Drawing 2.
These may be taken in any order as long as each elective covers one-quarter of projects.

Art II*:* (Elective)

Semesters: 2
Grades: 9,10,11,12
Credits: 1

Students may choose from Printmaking 1, Crafts 1, Painting 2, Ceramics 2, Sculpture 2, and Drawing 2 (one elective per quarter).

Art III & IV*:* (Elective)

Semesters: 2
Grades: 9,10,11,12
Credits: 1
Prerequisite: Art II

Students may choose from Painting 3 & 4, Ceramics 3 & 4, Drawing 3 & 4, Printmaking 2, or Crafts 2 (one elective per quarter).

Senior Art Independent Study*:* (Elective)

Semesters: 2
Grades: 9,10,11,12
Credits: 1
Prerequisite: Permission from the Art Instructor

This course is designed for seniors to experiment and expand in the art media of their choice. They may also work on a portfolio to be used for college acceptance and/or scholarships.

Fine Arts - Visual Arts

Media and Aesthetic Experiences

Drawing Media includes pencil, colored pencil, pastels, India ink, scratchboard, and markers. Painting Media includes tempera paint, acrylic paint, and watercolor, oil paint, and various latex and oil decorator paints. Ceramics include hand-built containers, clay sculptures, and clay molds. Sculpture Media includes papier mache, wood, wire, plaster, tag-board, poster-board, and mixed media. Printmaking Experiences include linoleum cuts, silkscreen, woodcuts, mono-prints, collagraphs, and various other experimental techniques. Crafts include pyrography (wood burning), banners, box art construction, candle making, copper tooling, and various other craft media.

Physical Education

PE

Semesters: 2
Grades: 9, 10, 11, & 12
Credits: 1

Physical Education provides the opportunity for students to develop a positive concept of both physical and personal well being. It provides students the opportunity to learn the values of physical fitness and recreational skills that can be used for a lifetime of leisure activities.

Health

Semesters: 1
Grades: 9
Credits: .5

Health is required at both the 8th and 9th grades. Heath stresses healthy choices and decision making. State-mandated education on contagious disease is included in the curriculum. Students will learn the skills necessary to weigh options, to make responsible decisions, and to develop behaviors that promote healthy lifestyles. Students are encouraged to assess their attitudes and behavior patterns toward their lifestyles of eating and exercising as well as understand the impact their lifestyles choice have on their communities and their own well being.

Business Department

Accounting I: (Elective)

Semesters: 2
Grades: 10, 11, & 12
Credits: 1
Prerequisite: Algebra I

Accounting I is the basic language of business. This entry-level course in accounting introduces the basic terms, concepts, principles, and procedures of the double-entry accounting system. It provides high school students with a basic foundation to enter either the business world or to use in their personal life. It is designed to be a full year course completing the accounting cycle for a sole proprietorship, and corporation. In addition, students will understand the process of recording business transactions of monetary nature, to books of original entry, to the preparation of financial statements, through the completion of the accounting cycle. Attention will also be given to learning the accounting cycle for a merchandising business with the introduction of special journals for sales, purchases, cash receipts, and cash payments along with the general journal. Course work is completed online through the Cengage Learning – MindTap website.

Accounting II*:* (Elective)

Semesters: 2
Grades: 11, & 12
Credits: 1
Prerequisite: Successful completion of Accounting I (C or above in Accounting I)

Accounting II is an in-depth study of the accounting cycle and concepts. It will reinforce the accounting I curriculum and expand the student's understanding of financial statements. Students will deal with departmental accounting concepts and be able to interpret and analyze accounting information to make good financial decisions. In addition, students will learn the correct reporting procedure for merchandise inventory, fixed assets, payroll, current and long term liabilities, and current and long term assets. Course work is completed online through the Cengage Learning – MindTap website.

Business Math: (Elective)

Semesters: 2
Grades: 10, 11, & 12
Credits: 1
Prerequisite: Basic Math Skills

Business Math offers multiple opportunities to develop, use, and integrate computations skills into everyday applications. It is essential in helping students fulfill their future roles as citizens, consumers, employees, employers, investors, and entrepreneurs. Curriculum areas such as wages, banking, credit cards, homeownership, insurance, sales, and marketing will be studied. Students are encouraged to enroll in this class to learn about math skills they will use for a lifetime. Along with the textbook, students will complete online course work to reinforce their understanding of

the course materials.

Personal Finance I: (Required for Graduation)

Semesters: 1
Grade: 9
Credits: 0.5
Prerequisite: None

Personal Finance is designed to teach students how to manage their finances and help them to make good financial decisions – now and in the future. Understanding and managing their personal finances are keys to one's financial success. The course will approach finance from four different areas: understanding income, managing money, spending and credit, and saving/investing. Students will learn how choices influence occupational options and future earning potential. In addition to coursework, students are expected to complete the Everfi.com – Financial Literacy online.

Personal Finance II: (Required for Graduation)

Semesters: 2
Credits: 1.0
Grade: 11 & 12

Personal Finance II is to give students a better understanding and strategies to manage their personal finances as they transition into the workplace or college. Based on the Dave Ramsey curriculum, Foundations in Personal Finance for High School Students, the purpose is to empower students with knowledge and application of basic financial principles so that they can make sound financial decisions for life. This curriculum emphasizes that Personal Finance is 80% behavior and 20% head knowledge; teaching students how to take control of their money can help them avoid huge money mistakes in the future. Students must learn how to budget, save, spend wisely, avoid debt, and give.

Theology

Theology 9: (Required for Graduation)

Semesters: 2
Grade: 9
Credits: 1
Prerequisite: None

Text Semester 1: The Word: Encountering the Living Word of God, Jesus Christ

This text invites students to apply Scripture to their lives, providing tools to interpret and understand the Bible, the inspired Word of God. Adolescents will explore the origins, genres, and relationship of the Old and New Testaments leading to an in-depth study of the Gospels and a closer relationship with Christ and the church. Filled with Scripture, primary sources, saints' profiles, morality features, activities, and prayers to engage students academically and formatively. A unique opening chapter gives students a chance to reflect on their faith journey and teachers a baseline measure of where students are.

Text Semester 2: Son of the Living God: Growing in Relationship with Christ and who He calls you to be.

This text provides students with the context to articulate and answer their call to discipleship. Adolescents consider the mystery of Jesus Christ and his life as the ultimate revelation of the Holy Trinity. Through concise and doctrinal presentations and extensive activities working directly with Scriptures, students will explore Jesus' life, example, and promise to always be with us. With profiles of saints, Catholic spiritual practices, and personal faith assessments, students will reflect on seeking and finding true happiness in God.

Theology 10: (Required for Graduation)

Semesters: 2
Grade: 10
Credits: 1
Prerequisite: None

Text Semester 1: The Risen One: Living the Paschal Mystery as Disciples of Christ

This text offers an in-depth study of the life of Christ and his Paschal Mystery. Working directly with Scripture and Catechism quotations, the words of saints and popes, students consider the mystery that life comes from death, redemption from suffering. Reviews core concepts covered in earlier courses through the lens of personal prayer, worship, and Catholic spirituality. Students will look at how the Paschal Mystery informs the virtues, impacts moral decision making, and it the source of our Church's liturgy.

Text Semester 2: The Cornerstone: Continuing the Mission of Christ Today as Members of the Church

This text invites students to examine the nature and mission of the Church founded by Christ and guided by the Holy Spirit. Exercises engage adolescents in the images of the Church, documents of Church councils, and the Scriptural foundation of Church teachings. Maps and profiles of saints promote understanding of the spread of Christianity as well as important events and movements within the Church. Unique features prompt students to consider their own vacations and how God calls then to be living witnesses of the Catholic faith.

Theology 11: (Required for Graduation)

Semesters: 2
Grade: 11
Credits: 1
Prerequisite: None

Text Semester 1: Your Life In Christ: Foundations In Catholic Morality. This class covers the basics of

Catholic moral theology. In it, students examine the Ten Commandments as the basis of Christian morality. Students also consider topics such as sin, virtue, and beatitude.

Text Semester 2: Catholic Social Teaching. In this class, students apply their knowledge of moral principles to real-world issues such as poverty, race, and the dignity of life.

Theology 12: (Required for Graduation)

Semesters: 2
Grade: 12
Credits: 1
Prerequisite: None

Text Semester 1: Exploring the Religions of Our World. In this class, students learn about the history, writings, beliefs, and practices of Buddhism, Hinduism, Islam, Judaism, and Christianity. They also study the development of religion in the United States. Taking an objective view of these religions, students learn to compare and contrast them and see how they have influenced each other and the surrounding culture.

Text Semester 2: Christian Vocations. In this class, students will explore the various vocational choices in life. Students discuss what those vocations mean and how individuals can live them in a way that is compatible with Christian beliefs and Catholic teachings. Since the most important vocation is the call to love, this course will discuss both the joys and difficulties of loving self, others, and God. It is by becoming closer to God, who is the source of all love, that students will learn what loving means and involves. This course is designed to help the students prepare wisely for their future and to help them make better choices in their daily lives.

Foreign Language

Spanish I:

Semesters: 2
Grade: 9-12
Credits: 1
Prerequisite: None

Spanish I is designed to give students a good background in mastering simple Spanish through visualized vocabulary, listening skills, reading, speaking, comprehension, and basic writing. These elements will prepare the students for further learning of the Spanish language at higher levels. Basic vocabulary and grammar exercises continue through short, engaging, and reading.

Spanish II:

Semesters: 2
Grade: 10-12
Credits: 1
Prerequisite: Spanish I

This course is a review of grammar and vocabulary of Spanish I and the continuation of the study of vocabulary and verbs. The sentence structure becomes more complex and is practiced through new vocabulary and grammar and comprehensible input that integrates visual and text with audio and video, listening, and comprehension. Extra practice is available in the practice workbook and online. Writing exercises, dictation, translations, and dialogues are very important to practice speaking and are part of this course. Also, oral and written presentations are included.

Spanish III:

Semesters: 2
Grade: 11-12
Credits: 1
Prerequisite: Spanish II

Spanish III includes a review of grammar and vocabulary as presented in Spanish I and Spanish II. Students are exposed to larger vocabularies and more advanced grammar structures. The students will apply their language skills with a lot of activities that include culturally authentic readings, performance-based speaking, writing, tasks, and videos. Connections to other disciplines, cross-curricular connections are integrated into language practice. Students will increase their basic language skills of listening, speaking, reading, and writing. Culture is also put together with language practice in this course.

Spanish IV:

Semesters: 2
Grade: 10-12
Credits: 1
Prerequisite: Spanish III

Spanish IV will continue with advanced grammar and vocabulary. Students will have a conversation using complex language and dealing with more extensive issues and better use of grammar. They produce dialogues and readings in oral and written presentations. There is an emphasis on new vocabulary and grammar. The students continue using longer narratives in stories, reality, and dialogues. Students also transition to paired practice activities that focus on the new vocabulary. There is also an emphasis on the study of Spanish culture, history, and literature as well as oral proficiency, translation, and written compositions.

Math Department

General Math / Life Skills:

Semesters: 2
Grade: 10-11-12
Credits: 1

General Math is a class where basic math skills and concepts are presented. Examples illustrate math concepts and are followed by related practice problems on computational skills, calculator skills and problem-solving skills. Students spend time doing relevant and practical math problems.
The basic skills of computation, fractions, decimals, percentages, geometry, algebra, estimation, graphs, and money are all reviewed and put into everyday life situations.

Pre-Calculus:

Semesters: 2
Grade: 11-12
Credits: 1
Prerequisite: Geometry & Algebra II
*requires each student to own a graphing calculator

This is a two-semester course in which the concepts from Algebra II are expanded. Pre-calculus prepares the student for calculus or college math courses by an in-depth study and application of the families and nature of these functions; linear, polynomial, rational, trigonometric, exponential, and logarithmic. The graphing calculator is an integral part of this course.

Calculus:

Semesters: 2
Grade: 11-12
Credits: 1
Prerequisite: Pre-Calculus
*requires each student to own a graphing calculator

This course is designed for students that have completed the full college-preparatory math sequence. The course begins with a review of the functions studied in the Pre-calculus class. This includes classifications of these functions and manipulations performed on these functions in the (x,y) coordinate plane. The study of Calculus concepts then begins with the introduction of limits of a function at various x-values within the domain of the said function. From the study of limits comes the analysis of continuity within a function and the development of the derivative for the classification of that function and, in general, for all functions existing within that function's classification. The course continues with theoretical and real-life applications of the integrals. In preparation for the study of integrals, approximation methods for finding the area of regions in the (x,y) coordinate plane are studied. The concepts of limits, derivatives, and area approximations are then tied in to develop the Riemann integral. Techniques for integration will be investigated. The integration will then be applied in finding solutions to physical and geometrical problems.

The concepts in this course will be investigated analytically (through the use of algebraic manipulations), graphically (through the use of graphing calculators), numerically (through the integrated use of real-life data), and verbally.

Probability & Statistics:

Semesters: 2
Grade: 11-12
Credits: 1
Prerequisite: Algebra II or teacher approval

This is a course designed for the average math student. The first semester includes an overview of statistical terms, the different types of statistics, data collection and sampling techniques, and the uses and measures of statistics. The student studies and interprets and constructs frequency distributions, histograms, frequency polygons, ogives, pie charts, Pareto charts, and stem and leaf plots. Measures of central tendency, variation, and position will be studied. Students will work with the probability and counting rules, and probability distributions. The second semester is an in-depth study which includes the properties and applications of the Normal Distribution and the Standard Normal Distribution; confidence Intervals and sample size; Hypothesis testing; correlation and regression; chi-square tests; and analysis of variance. The students will be using the graphing calculator and the Microsoft Excel program. This is an excellent choice for the student who wants to hone their math skills and improve their ability to understand information thrown at consumers and citizens daily. This course uses a college text and requires work.

Geometry:

Semesters: 2
Grade: 9-10-11-12
Credits: 1
Prerequisite: Algebra

This course is designed to develop a sound, deductive reasoning ability through the use of geometric figures, both plane and spatial, and emphasizing relationships between similar and congruent figures. These concepts require abstract reasoning capability and mastery of important definitions, postulates,
and theorems. These tools are used to demonstrate and analyze geometric concepts by presenting careful argumentation in the form of proofs. Topics included in the course of study are points, lines, angles, perpendicular and parallel lines, and planes, congruent and similar polygons, right triangles, circles, and basic constructions.

Pre-Algebra

Semesters: 2
Grade: 9-10
Credits: 1

A two-semester course designed to prepare students for Algebra I. The students will learn the basic tools of Algebra, including variables, integers, equations, and story problems. A general review of

mathematics also takes place.

Algebra I

Semesters: 2
Grade: 9-10-11-12
Credits: 1

This course is designed for the average to above-average math students. The first semester discusses the system of real numbers. Students learn the properties of sets, how to carry out the operation of addition, subtraction, multiplication, and division with positive and negative numbers, how to solve first-degree equations and inequalities, and how to graph relations. The second semester includes a unit on the solution of systems of linear equations and systems of linear inequalities, word problems, factoring, and working with rational expressions. This course will be assigned to some eighth students based on their Iowa Algebra aptitude test results and teacher recommendations.

Algebra II

Semesters: 2
Grade: 10-11-12
Credits: 1
Prerequisite: Algebra I

A two-semester course in which the concepts from Algebra I are reviewed and developed in greater depth. Algebra II expands on the properties and operations of complex numbers, rational expressions, linear and quadratic equations, and systems of two and three equations. Some trigonometry is also covered.

Dual Credit Statistics

Semesters: 1
Grade: 10-11-12
Credits: 1
Prerequisite: MAT092 (Intermediate Algebra with a C- or higher) or equivalent OR ALEKS score of 46 or higher OR ACT Math score of 22 or higher
SCC: MAT156-101 offered through SCC

The course overview and objectives are taken from Southeastern Community College's course description. This course is an applied course in statistics, designed to introduce students to some of the concepts, symbols, procedures, and vocabulary used in the field of statistics. Topics covered in this course include: organizing and graphing data, descriptive statistics, probability, various distributions, the sampling distribution of the mean, estimating a population mean, confidence intervals, inferential statistics (hypothesis testing), comparing two population parameters, analysis of variance, correlation, simple linear and multiple regression, contingency tables, and nonparametric statistics, (time permitting).

Dual Credit College Algebra

Semesters: 1
Grade: 10-11-12
Credits: 3 college credits, .5 high school credit
Dual Credit College Algebra: MAT120 offered through SCC
Prerequisite(s): MAT092 (Intermediate Algebra with a C- or higher) or equivalent OR ALEKS score of 46 or higher OR ACT of 25 or higher on the math portion

The course overview and objectives are taken from Southeastern Community College's course description. The study of rational, exponential, logarithmic, and polynomial functions and relations, their graphs, and related equalities. The study of the circular functions, graphs, and applications.

Dual Credit Trigonometry & Analytical Geometry

Semester: 1
Grade: 12
Credit: 3 college credit, .5 high school credit
Dual Credit Trigonometry & Analytical Geometry: MAT134 offered through SCC
Prerequisite(s): MAT120 with a minimum grade of C-, or meet minimum ALEKS placement test score (61 or a 46 when taken concurrently with MAT120)

The course overview and objectives are taken from Southeastern Community College's course description. The student will study degree and radian angles; apply basic geometric and trigonometric concepts to solve triangles; apply and graph trigonometric functions and their inverses to solve applied problems; verify trigonometric identities; convert paired data between rectangular and polar notation systems; apply math operations on vectors and complex numbers; graph polar equations; and analyze/graph elliptic, hyperbolic, and other conic equations.

Dual Credit Calculus I

Semester: 1
Grade: 12
Credit: 4 college credit, .5 high school credit
Dual Credit Calculus I MAT210
Prerequisite(s): successful completion of MAT120 (College Algebra with a C- or higher) AND MAT134 (Trigonometry with a C- or higher) or ALEKS score of 76 or higher

The course overview and objectives are taken from Southeastern Community College's course description. This course includes the study of limits and continuity, derivatives and differentiation, differentials, maximum and minimum function values and techniques of graphing, applications, and an introduction to integration.

English Language Arts

English 9:

Semesters: 2
Grade: 9
Credits: 1

Texts: Elements of Literature, Grade 9; Selected classic and contemporary novels, novellas, and short stories.
English 9 is a two-semester course that builds upon prior knowledge and ability of basic English Language concepts and skills to begin the student journey towards post-secondary success. Utilizing the Iowa Core and Diocesan standards for English Language Arts, along with associated learning and assessment methods, students will develop skills in reading, writing, listening, speech, and literary analysis and interpretation designed to promote individual mastery of English Language Arts concepts.

English 10:

Semesters: 2
Grade: 10
Credits: 1

English 10 is a two-semester course that builds upon prior knowledge to increase the student's levels of mastery in English Language Arts that are required for post-secondary success. Utilizing the Iowa Core and Diocesan standards for English Language Arts, along with associated learning and assessments methods, students will develop skills in reading, writing, listening, speech and literary analysis and interpretation designed to promote individual mastery of English Language Arts concepts

American Literature:

Semesters: 2
Grade: 11
Credits: 1

American Literature is the third step in the vertical English curriculum. It is a survey course in American Literature arranged chronologically from the beginnings of the American tradition in literature to the present. The course follows the ten Diocese of Davenport Standards for Language Arts and the benchmarks in reading, writing, listening, and speaking. The various factors that might influence their decision should be carefully discussed with their parents and the guidance counselor prior to registration. Students will continue the process begun in English 10 to refine their skills in vocabulary, literary interpretation and analysis, critical thinking, and writing. They will be required to read from a selected list of classic novels at the rate of one per semester. Students will attend particularly to the writing skills suggested by the scoring rubric for the writing component of the ACT test.

British Literature:

Semesters: 2
Grade: 11
Credits: 1

British Literature is the final step in the vertical English curriculum. It is a survey course arranged chronologically from the Dark Ages to the present. The course follows the ten Diocese of Davenport Standards for Language Arts and the benchmarks in reading, writing, listening, and speaking. They will be required to read from a selected list of classic novels at the rate of one per semester. Students will complete the work begun in English 11 (American Literature) in vocabulary, literary interpretation and analysis, critical thinking, and writing to be successful in post-secondary English.

Dual Credit Composition I:

Semesters: 1
Grade: 11-12
Credits: 3 college credits, .5 high school credit
Prerequisite: English 10 and

The course overview and objectives are taken from Southeastern Community College's course description. This class is a study of the principles of writing. Emphasis on rhetoric, mechanics, and development of expository patterns: narration, description, illustration, comparison/contrast, classification, process, persuasion, and cause/effect. A basic writing skills laboratory is included to assist selected students while they are enrolled in English Composition I. The lab portion is graded on a Pass (P)/No Pass (Q) basis. Lab instruction and assistance will be provided in the context of ENG-105 course content.

Dual Credit Composition II:

Semesters: 1
Grade: 11-12
Credits: .5
Prerequisite: English 10

The course overview and objectives are taken from Southeastern Community College's course description. A continuation of study of the principles of writing begun in ENG-105. Emphasis is placed on persuasive writing, critical analysis, and the MLA research paper. Time will also be spent exploring print and electronic research sources and learning effective research strategies.

Composition:

Semesters: 2
Grade: 11-12
Credits: 1
Prerequisite: English 10

Composition courses focus on students' writing skills and develop their ability to compose different types of papers for a range of purposes and audiences. These courses enable students to explore and practice descriptive, narrative, persuasive, or expositive styles as they write paragraphs, essays, letters, applications, formal documented papers, or technical reports. Although composition courses may present some opportunities for creative writing, their focus usually remains on nonfiction, scholarly, or formal writing.

Contemporary Literature:

Semester: 1
Grade: 12
Credits: .5
Prerequisite: American Literature or Composition

These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on the literature written during or reflecting a particular time period (such as the French Revolution, the 1960s, or the 20th century). Students determine the underlying assumptions and values within the selected works, reflect upon the influence of societal events and social attitudes, and compare the points of view of various authors. Oral discussion is an integral part of literature courses, and written compositions are often required.

Creative Writing:

Semesters: 1
Grade: 12
Credits: .5
Prerequisite: American Literature or Composition

This course is designed to teach the forms of persuasive writing. The college-bound student will be immersed in a thesis, exploration in a short and long-form essay, definition essay, classification essay, literary analysis, style analysis, and the scholarship essay writing will be covered.

Research Methods:

Semesters: 1
Grade: 12
Credits: .5
Prerequisite: American Literature

The college-bound student will engage in research writing with an emphasis on locating and working with different sources of information, note-taking, documenting, preparing the bibliography, and organizing the information into a structured research piece, according to MLA Handbook for Writers of Research Papers (6th Edition).

American Women in Literature

Semester: 2
Grade: 11-12
Credits: 1

This two-semester class will study the lives of American women from 1587 to 1970--across time, socio-economic groups, and ethnicities--and the powerful and often astounding contributions they made to American life, paving the way for the freedoms and opportunities that American women enjoy today. We will also consider the enormous problems, privations, and oppression many endured, and how they found the strength to persevere, at times through unimaginable pain, loneliness, and loss. The study of American women in a non-partisan way will build students' literacy in an area frequently underrepresented in traditional History and Literature textbooks and enable them to more effectively meet challenges in their own lives, remembering the strong shoulders upon which they stand. It will also engender greater respect and honor for all women and greater understanding of their strengths and needs

AP Language & Composition:

Semesters: 2
Grade: 12
Credits: 1

The course overview and objectives are taken from the *AP English Course Description* published by CollegeBoard and are designed to give students various opportunities to understand and respond to the rhetorical situation while simultaneously examining authors' purposes, demands of their subjects, and their audiences' needs. Through close reading and frequent writing, students cultivate awareness of their language utilizing purpose and strategy to strengthen their newfound composing abilities.

General English:

Semesters: 2
Grade: 11 &12
Credits: 1

This is a two-semester course designed for juniors and seniors who need to review English basics. This course places special emphasis on reading comprehension, developing basic writing skills, and vocabulary enrichment. Students will learn reading strategies and how to write clearly organized and logically developed essays. They will also learn research techniques and write a research paper. The study of one novel per quarter is required, along with the completion of a creative project for each.

Speech:

Semesters: 1
Grade: 9
Credits: .5

Speech I is a required course for all Holy Trinity freshmen or students in higher grades who have not yet taken a speech class in a school from which they have transferred. The students will study the basic components and skills of oral communication and experience a number of speech activities including, announcing public speaking, and interpretive reading. Participation in the annual dinner theatre play and speech contest season are optional related extracurricular activities. Text: Essentials of Speech Communication.

Advanced Speech:

Semesters: 1
Grade: 10, 11 & 12
Credits: .5

Advanced Speech is an elective course in which the student further explores and performs in contest categories of the Iowa High School Association's individual events season

Social Studies

Modern World History:

Semesters: 2
Grade: 9-10-11-12
Credits: 1

World History is an elective social studies course that is open to grades 9-12. Our focus is on the development of early civilizations, the rise of Greece and Rome, and the growth of Europe. Students learn about the socioeconomic conditions, political institutions, and ideological attitudes that have marked various time periods throughout history. Using primary and secondary sources, students conduct inquiry-based research to examine historical events, cultural developments, and social and family structures. Students are encouraged to use critical-thinking and problem-solving skills to evaluate the achievements of civilizations in the fields of science, technology, and the arts.

US History:

Semesters: 2
Grade: 11-12
Credits: 1

U.S. History is a required course for juniors. It begins with the Reconstruction of the United States following the Civil War. We follow many changes in the U.S. from industrialization, urbanization, and becoming a major world power. We also follow changes to our Constitution from the 13th to the 27th amendment.

Psychology:

Semesters: 1
Grade: 12
Credits: .5

Psychology is a one-semester elective course that is open to grades 9-12 and is designed to provide students with a scientific approach to the study of human behavior and mental processes. As an introduction to the field of psychology, this course includes the exploration of various aspects of human behavior including theories of personality and learning, aspects of thought processes, states of consciousness, motivation, and emotion, and the basic areas of mental illness.

Sociology

Semesters: 1
Grade: 12
Credits: .5

Sociology is an elective course designed to familiarize students with various cultures and the

effects of people living in groups. This course covers such topics as culture, subcultures, social institutions, collective behavior, social change, social deviation, the family, religion, racial and ethnic minorities, poverty, and crime. The course will offer students a set of intellectual tools with which to more accurately understand the society in which they live.

World Geography

Semester: 2
Grade: 10
Credit: 1

The study of World Geography focuses on the relationships among people, places and environments that result in geographic patterns on the earth. Students will compare an analyze landforms, climates, and natural resources as well as cultural, political, economic and religious characteristics of the world's regions.

Government

Semesters: 1
Grade: 12
Credits: .5

A one-semester course designed for all students in their senior year. American Government students study the U.S. governmental system and the U.S. Constitution. The three branches of government are covered, along with state and local levels of government. Iowa state law requires all students to successfully pass one semester of American Government.

AP U.S. History

Semesters: 2
Grade: 11
Credits: 1

The course overview and objectives are taken from the *AP U.S. History Course description* published by CollegeBoard. In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

AP United States Government and Politics

Semesters: 2
Grade: 12
Credits: 1

The course overview and objectives are taken from the *AP U.S. Government and Politics Course description* published by CollegeBoard. AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

Civil War Studies

Semester: 1
Grade: 11-12
Credit: .5

This course will summarize and present the major events and battles related to the War Between the States. This course will set forth the major political issues and philosophies that set the stage for the Civil War, sustained the conflict, and continue to linger in the hearts and minds of Americans today.

World War Two Studies

Semester: 1
Grades: 11-12
Credit: .5

This course will focus will on the origin, nature, conclusion, and significance of World War II. This course includes political, military, diplomatic, economic, technological, social, and ideological factors of the war in the European/Atlantic, African/Mediterranean, Asian/Pacific and American Home fronts.

Science

Physical Science

Semesters: 1
Grade: 9
Credits: 1

Physical Science explores the physical world. This course will include a lecture/lab format. It is a very hands-on class. Topics covered will include motion, forces, and energy, chemical building clocks, magnetism, electricity, and waves. This course is required of freshmen level students. It is a prerequisite for all other science classes.

Astronomy

Semesters: 1
Grade: 9, 10, 11 & 12
Credits: .5

In Astronomy, we will cover the nature and evolution of the solar system, stars, galaxies, cosmology, and life in the universe. Students will apply the techniques that astronomers use to study the Earth, Moon, Sun, planets, and stars.

Biology

Semesters: 2
Grade: 9, 10, 11 & 12
Credits: 1

Biology is a required class that is the study of all living organisms. Understanding life and life processes depend on principles and properties applicable to life at all levels of an organization. This course provides students, knowledge of major biological themes including cell biology, molecular biology, human biology, biotechnology, classification, evolution, genetics, and animal diversity. This course consists of a lecture-laboratory format designed for students to obtain a basic knowledge of biology.

Environmental Science

Semesters: 2
Grade: 12
Credits: 1
Prerequisite: Biology

Environmental Science is the study of interrelationships between organisms and their environments including human interactions with these environments. Students gain basic ecological knowledge of hierarchical principles of nature and how that nature affects different ecosystems. Students explore relationships of organic and inorganic matter in wetland areas, ponds, rivers, forests, and prairies and to

include topics in Upper Mississippi Biology. Students discuss soil, water and land conservation and pollution, alternative energy sources, and global warming issues. This course consists of classroom lectures and outdoor laboratory - lectures.

Advance Biology

Semesters: 2
Grade: 10,11 & 12
Credits: 1
Prerequisite Biology & Chemistry

This course is a college preparatory course intended for students who expect to major in science-related fields in college or who have a great interest in Biology and want to continue concepts learned in Biology. It is a rigorous course taught in a traditional lecture-laboratory format. It consists of cell biology, embryo development, classification, animal diversity, genetics, molecular biology, biotechnology, botany, and microbiology.

Anatomy & Physiology

Semesters: 2
Grade: 11 & 12
Credits: 1
Prerequisite: Biology & Chemistry

This course is a college preparatory course intended for students who expect to major in science or medical-related fields in college or who have a great interest in Biology. Anatomy and Physiology is a two-semester study of the structure and the functions of the human body. It consists of a detailed study of various systems of the body such as the skeletal, circulatory, reproductive, etc. Students may take both semesters or fall semesters. Students are encouraged but not required to take Advanced Biology prior to the course. This class is college prep for those students majoring in a science field. This class is a lecture format.

Chemistry I

Semesters: 2
Grade: 10, 11 & 12
Credits: 1
Prerequisite: Algebra II

Chemistry I is the study of matter and the changes it undergoes. Students will focus on the structure of matter and how it changes through chemical reactions. Topics covered will include scientific measurement, atomic structure, Periodic Table, ionic and metallic bonding, covalent bonding, chemical names and formulas, states of matter, the behavior of gases, the behavior of liquids and solutions, stoichiometry, and thermochemistry. Information will be presented in a variety of methods. We will continue to work on the process of scientific inquiry.

Chemistry II

Semesters: 2
Grade: 11 & 12
Credits: 1
Prerequisite: Chemistry I

This course is a continuation of Chemistry I. It is highly recommended that students, who are required to take Chemistry in college, complete two full years of Chemistry in high school. We will revisit many of the topics covered in Chemistry I. These topics will include a more in-depth study of the topics and application of higher-level math skills. In addition, time will be spent on the following topics: chemical kinetics, equilibrium, thermodynamics, aqueous reactions, and solution stoichiometry, and current issues involving chemistry and the chemical industry. This course will follow a traditional lecture and lab format--with plenty of inquiry and hands-on activities.

Physics

Semesters: 2
Grade: 11 & 12
Credits: 1
Prerequisite: Physical Science and Biology

This course is designed to give students a look at the physical world. It should be a good introduction to a college Physics course. This course will focus on: Mechanics, Properties of Matter, Heat, Sound, and Light, and Electricity and Magnetism. This course will be presented as an Inquiry-based class. There will be many labs and hands-on activities. Students will get to see their math and science skills in action. Algebra and Geometry are integrated throughout the course.

Microbiology

Semesters: 1
Grade: 11 & 12
Credits: .5
Prerequisite: Biology

This course examines microorganisms and their activities. Topics include microbial cell structure and function, metabolism, microbial genetics, and the role of microorganisms in disease, immunity, and other selected applied areas. Laboratory covers a variety of microbiological techniques with major concepts of bacteriology and immunology. Students will learn to isolate a broad range of nonpathogenic bacteria from natural sources, using selective techniques and microscopic identification.

AP Chemistry

Semesters: 2
Grade: 11 & 12
Credits: 1
Prerequisite: Chemistry

The course overview and objectives are taken from the *AP Chemistry Course description* published by CollegeBoard. The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

Electives:

ACT Prep

Semester: 1
Grades: 11-12
Credit: .5

*requires students to take the ACT while taking the class

ACT Prep will focus on preparing the students to take the actual ACT test by using several different approaches. The students will be able to take previously administered ACT tests when possible. Students will be able to practice certain test-taking strategies using computer programs.

Yearbook

Semesters: 2
Grades: 9-12
Credits: .5-1

Students will use their skills as historians, journalists, and artists to create a photojournalistic book and other productions to be looked at for many years to come. Students will produce a high-quality publication, learn, and use publishing industry terminology. Students will work with various types of technology to produce publications. Students will apply computer skills and design principles to the production of yearbook pages. Copywriting techniques are incorporated, and collaboration will be utilized to meet deadlines.