

Holy Cross High School

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The Curriculum

A course selection guide for student and parent.

The benefits of a Holy Cross High School education are available to all qualified students without regard to race, sex, color, national origin, age, or handicap.

DIOCESE OF SCRANTON

“They devoted themselves to the teaching of the apostles and to the communal life, to the breaking of the bread and to the prayers. Awe came upon everyone, and many wonders and signs were done through the apostles. All who believed were together and had all things in common; they would sell their property and possessions and divide them among all according to each one’s need. Every day they devoted themselves to meeting together in the temple area and to breaking bread in their homes. They ate their meals with exultation and sincerity of heart, praising God and enjoying favor with all the people. And every day the Lord added to their number those who were being saved.”

Acts 2:24-47

DIOCESAN MISSION STATEMENT

We, the Catholic faithful of the Diocese of Scranton, in union with our Holy Father, the Pope, are called through Baptism to share the mission, which Jesus Christ has entrusted to the One, Holy, Catholic and Apostolic Church. Priests, deacons, religious, and laity, under the leadership of our Bishop, cooperate to proclaim the Gospel in accordance with the teaching of the Church, to celebrate the sacraments, especially the Eucharist, for the salvation of all, and to witness by Grace to the Kingdom of God so as to promote a culture of life, justice and peace.

CATHOLIC SCHOOLS’ MISSION STATEMENT

We, the Catholic Schools of the Diocese of Scranton, are committed to educate students and their families in the Catholic faith. We provide a Catholic education that is spiritually sound and academically excellent. We strive to prepare our students to be faith-filled leaders and life-long learners dedicated to serving the church and society.

GENERAL INFORMATION

ACCREDITATION

Holy Cross High School is accredited by The Middle States Association of Colleges and Secondary Schools.

GENERAL

Holy Cross High School is a comprehensive high school. Students are encouraged to select courses based on individual abilities, achievement, and goals within the limits of the specialized graduation requirements. Choice in sequence is based on standardized testing, teacher recommendations, and counseling assistance. Advanced Placement (A.P.) courses are available in English, American History, Calculus, Science, and Art.

Special care and emphasis should be used in selecting college preparatory courses. If the experience of the student and/or parents is a college education, the student should select a three to four year sequential language program, and four years of academic mathematics, which should include trigonometry. All grades for college bound students should be 80% or above. The SAT should be taken during the junior year. A student who applies to college without these qualifications may meet rejection or a suggestion to change a selected major or to follow a guided studies program.

Career Technology courses are offered to sophomores, juniors and seniors at the Lackawanna County Career Technology Center on half-day sessions.

COURSE SELECTION GUIDELINES

GUIDELINES FOR SCHEDULE PLANNING

This curriculum guide is provided to the student and parent as an aid and guide to assist you in selecting courses for the next school year. In selecting your courses, please keep in mind the following procedures and requirements:

1. A minimum of seven (7) full credit courses, to include Theology, English, Science, Social Studies, and Math, in each of grades 9 through 12 is required.
2. Study the description of subjects and pay special attention to pre-requisites for certain courses.
3. Discuss choices with your current teachers. They are an excellent guide to the next level of courses in their departments.

4. Learn the requirements for entrance to the college or school you plan to attend after graduation or for entrance to the kind of work you intend to pursue. These requirements form minimum guidelines. Do not be too quick to limit your opportunities.
5. Discuss course selections you have chosen with your parents.
6. Schedule a guidance counselor conference, where the counselor will discuss your course preferences and recommend selections based on school and graduation requirements along with your goals and abilities.
7. No change in student subject selections will be made after a signed course selection sheet is returned without the permission of the principal. The school will address schedule changes on an individual basis. No change in course selections will ordinarily be made after the announced August deadline.

MARKING SYSTEM

The school marking system is based upon weighted numerical grades. Weights are determined by course level (see tables and the end of this section). Weighted values are used in computing an individual's grade point average, compiling class rank and determining honor roll status. A grade of WF (Withdrew Failing) is considered as an attempted credit and will be treated the same as a failed course for G.P.A. purposes.

PROGRESS REPORTS

Progress/Deficiency Reports are sent at the midpoint of each quarter. These reports are sent to those students in danger of failing, or whose work is below the standards of the school or their own abilities. Progress Reports may also be sent to indicate a student is doing commendable work or has shown significant improvement. It is hoped that parents will follow suggestions indicated on the report. Parents must understand that it is possible for a student to be passing at the midpoint of a quarter but to fail the quarter due to failing grades on later assignments and/or tests. While every effort will be made to notify parents when possible, a lack of notification will not affect the failing grade.

HONOR ROLL

The Honor Roll is published quarterly. To be eligible for Distinguished Honors a student must achieve a Grade Point Average of 3.30 or higher. To be eligible for Honors a student must receive a Grade Point Average of 2.90. A grade 74 or below, F (Failing),

WP (Withdrew Passing), WF (Withdrew Failing), or I (Incomplete) automatically disqualifies a student from Honor Roll consideration for that quarter.

All subjects receiving a numerical grade will be converted using the Relative Table of Values to determine Grade Point Average.

ACADEMIC INELIGIBILITY

To be academically eligible to participate in extracurricular activities, the student must meet the following eligibility criteria:

The student must be enrolled in full-time attendance, i.e., taking at least seven (7) full credits, to include, Theology, English, Social Studies, Math and Science.

Academic and Curricular Requirements

The student must be passing at least four (4) major full credit courses or the equivalent as of each Friday during a grading period. If he/she fails to meet this requirement, the student will lose eligibility from the following Sunday through the Saturday immediately following the next Friday.

The student must have passed at least four (4) major full credit courses during the previous marking period. Major courses are defined as Theology, English, Mathematics, Science, Social Studies, and Language. If the student fails to meet this requirement he/she will lose their eligibility for 15 school days, beginning on the first day report cards are issued. At the end of the 15 school day ineligibility period, progress reports will be issued on the student and if he/she has failed to meet the eligibility requirement, the student will remain ineligible for another 15 school days. This pattern will continue until the next marking period at which time the marking period grades will determine eligibility.

Attendance Requirements

If the student is absent from school during a semester for a total of twenty (20) or more school days, he/she will lose their eligibility until he/she has been in attendance for a total of forty-five (45) school days following the 20th day of absence.

HOW TO DETERMINE A GRADE POINT AVERAGE

A student's Grade Point Average (GPA) is based on a 4.00 point system. Grade Point Average calculations are based on the number of credits a student attempts and the Quality Points (QP) awarded for a particular numerical grade. The GPA is equal to the total number of Quality Points divided by the total number of credits attempted.

Some terms you will need to be familiar with in order to calculate the GPA are as follows:

GRADE: The numerical grade you received for that class. This is based on a value of 0 to 100 with 70 and above considered passing. Grades of P (Passing), WP (Withdrew Passing), or I (Incomplete), will not have any effect the GPA. However, grades of F (Failing) and WF (Withdrew Failing) will be counted as credits attempted and will have an effect on the GPA.

RELATIVE VALUE: This is the value for the numeric grade. This can be obtained from the Relative Value table found in the Curriculum Guide and also located with each course description in the Curriculum Guide.

CREDITS ATTEMPTED: In order to arrive at this number you will need to know the total number of credits the course is worth. This information is located in the Curriculum Guide in the course description section. If the student receives a grade of P (Passing) in a course, the student will receive the credits for the course but those credits will not be used in calculating grade point average.

A sample freshman marking period grade report may be as follows: (Note that grades of P, WP, or I are not counted towards GPA calculations).

COURSE	GRADE RCV'D	LENGTH	CREDIT	CREDIT ATTEMPTED	RELATIVE VALUE TABLE
Theology	91	All Year	1.00	1.00	III
World Cultures	89	All Year	1.00	1.00	II
Health	93	All Year	0.50	0.50	II
Physical Educ.	P	All Year	0.25	-	II
Intro to Art	P	Quarter	0.25	-	II
English I	88	All Year	1.00	1.00	II
Algebra I	88	All Year	1.00	1.00	II
Spanish I	83	All Year	1.00	1.00	II
Latin I	90	All Year	1.00	1.00	II
Physical Sci.	83	All Year	1.00	1.00	II

With the above information we are now ready to computer the student's GPA for the Marking Period. The following steps are used to complete the GPA computation in the table below:

1. List the Courses the student is taking and the Marking Period grade received for each course.

CRS	GRD	REL. VALUE	X	CR. ATT.	=	QP
Theology	91					
World Cultures	89					
Health	93					
Physical Education	P					
Intro to Art	P					
English I	88					
Algebra I	88					
Spanish I	83					
Latin I	90					
Physical Science	83					

2. From the Relative Value Table, list the relative value for each grade received.

CRS	GRD	REL. VALUE	X	CR. ATT.	=	QP
Theology	91	3.49				
World Cultures	89	3.01				
Health	93	3.37				
Physical Education	P	-		-		
Intro to Art	P	-		-		
English I	88	2.92				
Algebra I	88	2.92				
Spanish I	83	2.47				
Latin I	90	3.10				
Physical Science	83	2.47				

3. Enter the credits attempted for each course for the Marking Period.

CRS	GRD	REL. VALUE	X	CR. ATT.	=	QP
Theology	91	3.49		1.00		
World Cultures	89	3.01		1.00		
Health	93	3.37		0.50		
Physical Education	P	-		-		
Intro to Art	P	-		-		
English I	88	2.92		1.00		
Algebra I	88	2.92		1.00		
Spanish I	83	2.47		1.00		
Latin I	90	3.10		1.00		
Physical Science	83	2.47		1.00		

4. Multiply the relative values for each course by the credits attempted to arrive at the quality points for each course.

CRS	GRD	REL. VALUE	X	CR. ATT.	=	QP
Theology	91	3.49	x	1.00	=	3.49
World Cultures	89	3.01	x	1.00	=	3.01
Health	93	3.37	x	0.50	=	1.685
Physical Education	P	-		-		
Intro to Art	P	-		-		
English I	88	2.92	x	1.00	=	2.92
Algebra I	88	2.92	x	1.00	=	2.92
Spanish I	83	2.47	x	1.00	=	2.47
Latin I	90	3.10	x	1.00	=	3.10
Physical Science	83	2.47	x	1.00	=	2.47

5. Total the credits attempted for the Marking Period and the Quality Points for the Marking Period.

CRS	GRD	REL. VALUE	X	CR. ATT.	=	QP
Theology	91	3.49	x	1.00	=	3.49
World Cultures	89	3.01	x	1.00	=	3.01
Health	93	3.37	x	0.50	=	1.685
Physical Education	P	-		-		
Intro to Art	P	-		-		
English I	88	2.92	x	1.00	=	2.92
Algebra I	88	2.92	x	1.00	=	2.92
Spanish I	83	2.47	x	1.00	=	2.47
Latin I	90	3.10	x	1.00	=	3.10
Physical Science	83	2.47	x	1.00	=	2.47
TOTALS				7.50		22.065

6. Divide the Total Quality Points received by the Total Credits Attempted to arrive at the Grade Point Average.

$$22.065 \div 7.50 = 2.942 \text{ or } 2.942$$

The student's GPA for the Marking Period would be 2.942

COMPILING CLASS RANK

1. All courses receiving a numerical grade will be used in determining class rank.
2. Weighted grades are used when computing class rank.
3. Class rank is cumulative including grades 9 through 12.
4. Graduation honors are determined by grades received through the third quarter of the senior year.

NATIONAL HONOR SOCIETY

The National Honor Society of Holy Cross High School has as its purpose the creation of enthusiasm for scholarship, the stimulation of a desire to render service, the promotion of worthy leadership, and the encouragement of character in all students. Membership is recognized as the highest honor bestowed on high school students. Sophomore, Junior and Senior students meeting the criteria for membership are inducted into the society in the spring of each school year. The academic requirement is a 3.30 grade point average.

Students meeting the above requirement must submit a brief resume of participation in school activities and clubs, any elected office they held, and participation in civic or parish activity. These resumes will be reviewed by a faculty council appointed by the principal as an aid in determining the other three requirements for the society, which are leadership, character, and service. The council according to guidelines set up by the National Organization evaluates these characteristics.

ADD/DROP POLICY

Courses normally may be added or dropped up to ten (10) school days into the school year. Entering a course after the tenth school day places the student too far behind in the subject material. If a student feels he/she can make up the missed class work, a student may add a course only with the permission of the subject teacher, guidance counselor, parent(s) and principal.

Courses dropped after the tenth school day will be annotated on the student's report card and official transcript as Withdrew Passing (WP) or Withdrew Failing (WF), whichever is applicable. In addition, a fee of \$25.00 will be assessed. If a student in his/her senior year adds or drops a course, official notification of the added or dropped course will be provided to any post-secondary institution that the student has applied to or has already been accepted at. Students must understand that their senior year course load is an important consideration in their post-secondary admission criteria and any change in their course load may affect their admission status. A grade of WP, WF, F, or I will disqualify a student from the Honor Roll for that quarter. A grade of WF will be considered as a failed course for GPA purposes. In addition, a grade of WP or WF in the current marking period automatically disqualifies a student from eligibility in the National Honor Society.

PROMOTION, COURSE FAILURE AND SUMMER SCHOOL

It is required that a student pass all courses taken at the school. Arrangement for summer school or make-up credit is the responsibility of the individual student. Courses must be made up during the summer following the failure.

It should be noted that this Failure and Summer School Policy applies to all students, including seniors who expect to graduate at the conclusion of their senior year. If a senior fails a course, his/her diploma will be held until the course has been successfully completed during summer school.

Courses failed during the school year must be made up in an accredited summer school system, or through an approved certified private tutor. Documentation of attendance at summer school must be sent to the Principal as soon as summer school is completed. When this transcript is received, a grade of 70 will be entered as a make-up grade on the transcript. This grade will not affect the student's G.P.A.

Students who opt to use an approved certified private tutor to make up courses failed during the school year must make arrangements with the Vice Principal and Guidance offices before tutoring begins. The tutor must be certified in the subject area of tutorial work. Documentation must be sent to the Vice Principal and Guidance office as soon as the work is successfully completed. When the documentation is received, the student may be required to take a final exam at Holy Cross. When this transcript is received, a grade of 70 will be entered as a make-up grade on the transcript. This grade will not affect the student's G.P.A.

Any student failing to make up courses in summer school will be asked to withdraw from the school.

ACADEMIC PROBATION

Any student failing two (2) or more subjects at the end of the first semester will be placed on Academic Probation for the second semester.

Any students failing two (2) or more subjects at the end of the second semester may be asked to withdraw or will be placed on Academic Probation for the following year. These students and their parents must meet with the administration before the start of the school year and an Academic Probationary Contract may be required.

The Vice Principal and the Guidance Department will monitor the academic progress of these students during the probation period as defined in the Academic Probation Contract written during the meeting with the student and parents.

INCOMPLETE GRADES

Unless prior approval has been received from the administration for an extension of time, students receiving a grade of Incomplete (I) will have five (5) school days from the end of the marking period to make up any incomplete work. It is the student's responsibility to contact the teacher of the incomplete grade to make arrangements for completing the required coursework. After the fifth school day, any coursework that has not been completed will receive a grade of zero (0) and the student's grade for the marking period will be annotated on their official records with the grade(s) of zero averaged into the reported grade.

STUDENT ABSENTEE MAKE-UP WORK

A student who, because of illness or any other reason, is absent from a class period(s), an entire day, or a number of days, is responsible for making up all work missed. This responsibility belongs to the student; class work must be made up no later than five (5) school days after the student has returned to school. The student is responsible to make arrangements with his/her teacher(s) to determine what work is to be completed and the exact date when the work is due.

In cases of extended and/or chronic illnesses in which the student's absence will not exceed two weeks, parents are responsible for contacting the student's counselor after the third day of the illness. In turn, the counselor will contact the student's respective teacher(s). Involving the counselor at this time is important not only to see that the work done at home is available for the teacher or that the tutor had fulfilled necessary school requirements, but also to facilitate the student's return to school and to counsel the student in need. It would also give the counselor the opportunity to confer with the

teacher(s) in reference to the student's progress so that there exists a solid communication among teachers, counselors, students, and parents.

In cases of prolonged illnesses that may involve hospitalization or a homebound condition, parents should contact the Guidance Department. In such cases the local school district will attempt to provide tutors. The Guidance Department will provide the necessary instructions for this special procedure. The tutor must provide the counselor with a written summary of work completed with the student as well as a written evaluation of the student's understanding of the material in such a way that the subject teacher will be able to grade the student. If the student does not complete at least three (3) quarters of work at the school, a grade of Pass (P) or Fail (F) will be awarded as the final grade, and the student will not be eligible for academic awards in these subject areas.

GRADUATION REQUIRMENTS

Holy Cross High School requires students to complete twenty-six (26) credits to be awarded an Academic Diploma upon graduation. Of the twenty-six credits, students must carry a course load of at least seven (7) credits per school year. Holy Cross High School requires students to pass a completed course in Theology for each year in attendance. Students not completing the minimum 26 credits and/or not carrying a course load of seven credits per school year will not be eligible for any academic honors, including being designated class valedictorian or salutatorian.

Each student must pass as a minimum:

<u>Course Title</u>	<u>Credits</u>
Theology	4 Credits
English	4 Credits
Mathematics	4 Credits
Science	4 Credits
Social Studies	4 Credits
Arts/Humanities	2 Credits
Health/Physical Education	1 Credit
Electives	3 Credits

COURSE OF STUDY

FRESHMAN

The following courses, listed by department, are normally available for selection by students in their freshman year at Holy Cross High School. An asterisk (*) denotes required courses in which there are no substitutions allowed.

Theology

Theology I*

Social Studies

World Cultures*

Science

Honors Physical Science

Physical Science

General Physical Science

Physical Education

Health*

Physical Education*

English

Honors English I

English I

Fundamental English I

Computer/Business

Introduction to Computers

Mathematics

Honors Geometry

Algebra I

Basic Algebra I

World Languages

French I

Spanish I

Latin I

Spanish Language Culture I

Fine Arts/Humanities

Chorus

Instrumental Music

Introduction to Music

Introduction to Art

Other

Study Skills

Critical Reading

COURSE OF STUDY

SOPHOMORE

The following courses, listed by department, are normally available for selection by students in their sophomore year at Holy Cross High School. An asterisk (*) denotes required courses in which there are no substitutions allowed.

Theology

Theology II*
Awaken to Prayer

Social Studies

American History I*
Hon. U.S. History I

Science

Honors Biology
Biology
General Biology

Physical Education

Physical Education*
Fitness and Movement

English

Honors English II
English II
Fundamental English II

Fine Arts/Humanities

Art I
Computer Art I
Photography I
Drama
Chorus
Instrumental Music
Advanced Chorus

Mathematics

Honors Algebra II/Trigonometry
Honors Geometry
Geometry
Basic Geometry

World Languages

French II
Spanish II
Latin II
Spanish Language Culture II

Computer/Business

Computer Usage I
Animation & Web Design

Electives

Public Speaking
World Geography/PA History

COURSE OF STUDY

JUNIOR

The following courses, listed by department, are normally available for selection by students in their junior year at Holy Cross High School. An asterisk (*) denotes required courses in which there are no substitutions allowed.

Theology

Theology III*
St. Paul: A Man of Letters
Women in Scriptures
Awaken to Prayer
Social Justice

Social Studies

American History II*
Honors U.S. History II
Mythology
Criminal Law
Sociology/Psychology

Science

Honors Chemistry
Chemistry
Conceptual Chemistry
Honors Biology II
Earth and Environmental Science
A.P. Biology

Physical Education

Physical Education*
Fitness and Movement

English

Honors English III
English III
Fundamental English III
Creative Writing
The Novel
Literature Through Film

Mathematics

Honors Pre-Calculus
Algebra II/Trigonometry
Algebra II
Basic Algebra II
Statistics and Probability

Computers/Business

Computer Usage I
Computer Usage II
Business Law
Economics
Multimedia

World Languages

Latin II/III
French II/III
Spanish II/III

Fine Arts/Humanities

Art I/II
Computer Art I
Photography I
Pre-A.P. Drawing
Animation & Web Design
Chorus
Instrumental Music
Advanced Chorus
Music Theory
Drama

Public Speaking

COURSE OF STUDY

SENIOR

The following courses, listed by department, are normally available for selection by students in their senior year at Holy Cross High School. An asterisk (*) denotes required courses in which there are no substitutions allowed.

Theology

Theology IV*
St. Paul: A Man of Letters
Christian Classics and Philosophy
Women in Scriptures
Awaken to Prayer
Social Justice

Social Studies

American Gov't/Int'l Studies*
A.P. United States History
Criminal Law
Psychology/Sociology
Mythology
American History III

Science

Physics
Honors Chemistry II
Conceptual Physics
Human Anatomy/Physiology
Human Anatomy
Environmental Sciences
A.P. Chemistry

Physical Education

Physical Education*

Fine Arts/Humanities

Advanced Chorus
Chorus
Instrumental Music
Woodwind/Brass Ensemble
Music Theory
Drama

Mathematics

A.P. Calculus
Honors Calculus
Honors Pre-Calculus
Statistics and Probability
Trigonometry
Finite Mathematics
Topics in Mathematics

Computers/Business

Computer Usage I/II
Accounting I/II
Business Law/Economics

Foreign Language

French II/III/IV
Spanish II/III/IV
Latin III/IV

Fine Arts/Humanities

Art I/II/III
Computer Art I
Photography I
Graphics & Print Design
Animation & Web Design
A.P. Drawing

English

A.P. English
Honors English IV
English IV
Fundamental English IV
The Novel
Literature Through Film
Creative Writing
Public Speaking
Shakespeare
Grammar & Formal Writing

RELATIVE VALUE TABLE

GRADE	TABLE I	TABLE II	TABLE III	TABLE IV
<70	0.00	0.00	0.00	0.00
70	1.00	1.30	1.60	1.90
71	1.09	1.39	1.69	1.99
72	1.18	1.48	1.78	2.08
73	1.27	1.57	1.87	2.17
74	1.36	1.66	1.96	2.26
75	1.45	1.75	2.05	2.35
76	1.54	1.84	2.14	2.44
77	1.63	1.93	2.23	2.53
78	1.72	2.02	2.32	2.62
79	1.81	2.11	2.41	2.71
80	1.90	2.20	2.50	2.80
81	1.99	2.29	2.59	2.89
82	2.08	2.38	2.68	2.98
83	2.17	2.47	2.77	3.07
84	2.26	2.56	2.86	3.16
85	2.35	2.65	2.95	3.25
86	2.44	2.74	3.04	3.34
87	2.53	2.83	3.13	3.43
88	2.62	2.92	3.22	3.52
89	2.71	3.01	3.31	3.61
90	2.80	3.10	3.40	3.70
91	2.89	3.19	3.49	3.79
92	2.98	3.28	3.58	3.88
93	3.07	3.37	3.67	3.97
94	3.16	3.46	3.76	4.06
95	3.25	3.55	3.85	4.15
96	3.34	3.64	3.94	4.24
97	3.43	3.73	4.03	4.33
98	3.52	3.82	4.12	4.42
99	3.61	3.91	4.21	4.51
100	3.70	4.00	4.30	4.60

FRESHMAN

TABLE III

Honors Algebra
Honors English I
Honors Geometry
Honors Physical Science
Theology I

TABLE II

Algebra I
Chorus
English I
French I
Health
Instrumental Music
Introduction to Art
Introduction to Computers
Introduction to Music
Latin I
Physical Education
Physical Science
Spanish I
Study Skills
World Cultures

TABLE I

Basic Algebra I
Critical Reading
Fundamental English I
General Physical Science
World Language Cultures

SOPHOMORE

TABLE III

Honors Alg. II/Trig
Honors Biology
Honors English II
Honors Geometry
Theology II

TABLE II

Advanced Chorus
American History I
Art I
Awaken to Prayer
Biology
Chorus
Computer Usage I
Drama
English II
Fitness & Movement
French II
Grammar & Formal Writing
Instrumental Music
Latin II
Pennsylvania Studies
Physical Education
Public Speaking
Spanish II
Animation & Web Design

TABLE I

Basic Geometry
Fundamental English II
General Biology
Spanish Language Culture

JUNIOR

TABLE IV

A.P. Biology

TABLE III

Alg. II/Trig
French III
Honors Biology II
Honors Chemistry
Honors English II
Honors Pre-Calculus
Honors U.S. History
Latin III
Pre-A.P. Drawing
Spanish III
Theology III

TABLE II

Accounting I
Advanced Chorus
Algebra II
American History II
Animation/Web Design
Art I/II
Awaken to Prayer
Business Law
Chemistry
Chorus
Civil War/Reconstruction
Computer Art I
Computer Usage I/II
Conceptual Chemistry
Creative Writing
Criminal Law
Drama
Economics
English III
Graphics/Web Design
Grammar & Formal Writing
Instrumental Music
Letter of St. Paul
Music Theory
Mythology
The Novel
Pennsylvania Studies
Photography
Physical Education
Psychology
Public Speaking
SAT Prep
Social Justice
Sociology
Statistics & Probability
Woodwind/Brass Ensemble
Women in Scriptures
Multimedia

TABLE I

Basic Algebra
Fundamental English III
Gen. Earth/Env. Science

SENIOR

TABLE IV

A.P. Calculus
 A.P. Chemistry
 A.P. Drawing
 A.P. English
 A.P. U.S. History

TABLE III

Amer. History III
 Art III
 Christian Classics
 Finite Mathematics
 French IV
 Honors Calculus
 Honors Chemistry II
 Honors English IV
 Human Anat./Physiology
 Latin IV
 Spanish IV
 Theology IV
 Honors Pre-Calculus

TABLE II

Accounting I
 Accounting II
 Advanced Chorus
 Amer. Gov't/Int'l Studies
 Animation/Web Design
 Art I/II
 Awaken to Prayer
 Business Law
 Chemistry
 Chorus
 Civil War/Reconstruction
 Computer Art I
 Computer Usage I/II
 Conceptual Physics
 Creative Writing
 Criminal Law
 Drama
 Economics
 English III
 Environmental Science
 Graphics/Web Design
 Grammar & Formal Writing
 Human Anatomy
 Instrumental Music
 Letter of St. Paul
 Music Theory
 Mythology
 The Novel
 Pennsylvania Studies
 Photography
 Physical Education
 Psychology
 Public Speaking
 SAT Prep
 Shakespeare
 Social Justice
 Sociology
 Statistics & Probability
 Trigonometry
 Woodwind/Brass Ensemble
 Women in Scriptures
 Multimedia

TABLE I

Basic Algebra
 Topics in Mathematics
 Fundamental English IV

Immaculate Heart of Mary Honors Program Holy Cross High School

Philosophy

The Immaculate Heart of Mary Honors Program is a program that allows exceptional students to participate in a curriculum that offers courses which are broader in scope and are more demanding than the college preparatory curriculum. Students will be able to practice critical thinking and analytical skills that will aid them in developing their potential. The Immaculate Heart of Mary Honors Program will challenge outstanding students with a demanding education that stresses independent work and intense engagement with the faculty and other Honors students both in and out of the classroom.

Students completing the program will be awarded a diploma “with distinction.” Students graduating with a cumulative grade point average of 3.30 to 3.59 will be awarded a distinction of “Cum Laude,” students graduating with a cumulative grade point average of 3.60 to 3.79 will be awarded a distinction of Magna Cum Laude, while students graduating with a cumulative grade point average of 3.80 and higher will be awarded a distinction of “Summa Cum Laude.”

Admission

Recommendation of students into the Immaculate Heart of Mary Honors Program will occur upon completion of the freshman year with recommendation by the department chairpersons and approval by the administration. Criteria for selection include:

- a. Placement in the top 20% of the class
- b. A cumulative grade point average of 3.30 or above
- c. Intellectual aptitude
- d. Achievement test scores
- e. Overall school performance (past and current), including attendance and discipline records.
- f. Participation in extracurricular activities

Characteristics of candidates include:

- a. High academic achievement and intellectual ability
- b. Self motivation
- c. Self discipline
- d. Good organizational skills
- e. Excellent written expression
- f. Avid interest in reading
- g. Good oral communication skills
- h. Ability to work independently and collaboratively
- i. Good citizenship and attendance

Students may also apply independently if they meet the above criteria and have not been recommended by teachers. These applications will be reviewed by department chairpersons; the final decision will be by the department chairs and the administration.

Requirements

Students must maintain an 85 or above average in all Honors and Advanced Placement level courses taken at Holy Cross High School and a minimum of a C in all courses taken at Marywood University. They must meet a high standard of academic integrity and not have excessive absences. Students will choose a Liberal Arts, Mathematics, or Science concentration and will complete the following courses at Marywood University:

Liberal Arts: Grade 11 Summer - General Psychology (PSY 211) (3 Credits)
(15 Credits) Grade 11 Fall – Writing Skills (ENGL 160) (3 Credits)
Grade 11 Spring - Introduction to World Literature (ENGL 180) (3 Credits)
Grade 12 Fall - Roots of the Modern World (HIST 100) (3 Credits)
Grade 12 Spring - Introduction to Philosophy (PHIL 113) (3 Credits)

Mathematics: Grade 11 Summer – General Psychology (PSY 211) (3 Credits)
(15 Credits) Grade 11 Fall – Mathematics for Contemporary Society (MATH 110) (3 Credits)
Grade 11 Spring – Analysis of Functions (Pre-calculus) (MATH 115) (3 Credits)
Grade 12 Fall - Calculus with Analytic Geometry I (MATH 201) (3 Credits)
Grade 12 Spring - Introduction to Probability and Statistics (MATH 220) (3 Credits)

Science: Grade 11 Summer - General Psychology (PSY 211) (3 Credits)
(19 Credits) Grade 11 Fall Semester – General Biology I (BIOL 150 & 150L) (4 Credits)
Grade 11 Spring Semester – General Biology II (BIOL 151 & 151L) (4 Credits)
Grade 12 Fall Semester - General Chemistry I (CHEM 131 & 131L) (4 Credits)
Grade 12 Spring Semester – General Chemistry II (CHEM 132 & 132L) (4 Credits)

**Holy Cross High School
Immaculate Heart of Mary Scholars Program**

Course: **PSY 211 General Psychology** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: None
Location: Marywood University

Offers broad-based investigation of the nature of behavior, stressing general scientific principles, the complexity of human motivation, and the potential of psychology for the student's self realization.

LIBERAL ARTS TRACK

Course: **ENGL 160 Writing Skills** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: None
Location: Marywood University

Provides intensive practice in exposition and argumentation as well as the demonstration of rhetorical principles. Also covers the term paper. This course requires a minimum of "C" in order to fulfill the University's requirement of competency in writing.

Course: **ENGL 180 Introduction to World Literature** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: ENGL 160
Location: Marywood University

This course surveys the literature of the world, both Western and Non-Western. Students will read landmark texts in several genres. Course content will vary by instructor.

Course: **HIST 100 Roots of the Modern World** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: ENGL 160, ENGL 180
Location: Marywood University

Studies the pivotal events and achievements of humankind, stressing the period from the Enlightenment to World War I and relating them to life in contemporary times.

Course: **Introduction to Philosophy (PHIL 113)** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: ENGL 160, ENGL 180, HIST 100
Location: Marywood University

An introduction to the broad range of thinkers and issues that constitute philosophy. Students will examine critically the accumulated wisdom about God, nature, and humanity in order to evaluate their own positions and choices and to make ethical decisions in an interdependent world.

MATHEMATICS TRACK

Course: **MATH 110 Mathematics for Contemporary Society** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: None
Location: Marywood University

The topics studied will include techniques and applications of set theory, counting techniques, matrices, linear systems, statistics and probability, and linear programming.

Course: **MATH 115 Analysis of Functions (Pre-Calculus)** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: MATH 110
Location: Marywood University

Topics include polynomial, rational, exponential, logarithmic and trigonometric functions, as well as conic sections.

Course: **MATH 201 Calculus with Analytic Geometry I** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: MATH 110, MATH 115
Location: Marywood University

Limits, continuity, differentiation, and applications, including related rates and extremum.

Course: **MATH 220 Introduction to Probability and Statistics** Relative Value: Table IV
Credit: Marywood University 3 credits; Holy Cross High School 1 credit
Pre-Requisite: MATH 110, MATH 115, and MATH 201
Location: Marywood University

Acquaints the student with elements of probability, Bayes theorem, measures of central tendency, dispersion, probability distribution, hypothesis tests, nonparametric tests, linear regression, and correlation.

SCIENCE TRACK

Course: **BIOL 150, 150L General Biology I with Lab** Relative Value: Table IV
Credit: Marywood University 4 credits; Holy Cross High School 1 credit
Pre-Requisite: None
Location: Marywood University

This course is designed to introduce students to foundational concepts in biology, including: biological constituents, cellular organization, protein synthesis, mitosis, and meiosis. Three hours lecture, three hours lab.

Course: **BIOL 151, 151L General Biology II with Lab** Relative Value: Table IV
Credit: Marywood University 4 credits; Holy Cross High School 1 credit
Pre-Requisite: BIOL 150, 150L
Location: Marywood University

Studies the basic structure and function of representative animals. Causes and nature of biological diversity and ecological principles are discussed. Three hours lecture, three hours lab.

Course: **CHEM 131, 131L General Chemistry I with Lab** Relative Value: Table IV
Credit: Marywood University 4 credits; Holy Cross High School 1 credit
Pre-Requisite: BIOL 150, 150L
Location: Marywood University

Studies the stoichiometric relationship between atoms, their chemical reactions, and the fundamental theories describing the structure, bonding, and orbitals of atoms. Laboratory experiments are primarily quantitative in nature. Three hours lecture, three hours lab.

Course: **CHEM 132, 132L General Chemistry II with Lab** Relative Value: Table IV
Credit: Marywood University 4 credits; Holy Cross High School 1 credit
Pre-Requisite: CHEM 131, 131L
Location: Marywood University

Spring term topics include thermodynamics, chemical equilibria, and acid/base chemistry. Laboratory experiments are primarily quantitative in nature. Three hours lecture, three hours lab.

Course: **Computer Usage II** Relative Value: Table II
Credit: 1.0
Pre-Requisite: Computer Usage I and Department Approval

Computer Usage II builds on the academic foundation of Computer Usage I. This course will use the basic understandings developed in Word, Excel and PowerPoint to be able to apply those skills to the creation of advanced documents and projects.

The goal is to create authentic learning experiences to benefit others in Holy Cross High School as well as all our feeder schools. Examples of these projects would be classroom and school newsletters, interactive storybooks created in PowerPoint and the enhancing of Excel skills to develop graphs to aid teachers in any subject area. In addition, Computer Usage II will address the use of digital images blended with voice and music through the use of Microsoft's Photo Story. Digital video will also be studied for classroom application through the use of Microsoft's Home Movie. Finally, the key to Computer Usage II is the application of knowledge to create meaningful teaching and learning tools for use in our classrooms.

Course: **Business Law** Relative Value: Table II
Credit: 0.5
Pre-Requisite: None

Business Law is a course in practical law as it pertains to both business and non-business applications. It covers Criminal and Civil Law. This course is designed to give students knowledge of basic concepts in law that can give practical and informative use for their daily lives and future plans. Students are encouraged to learn their rights and duties under the law, to include contract law, to think critically and rationally about societal problems and conflicts and their application to the business environment, and to participate in, and contribute to our society and systems of laws and government.

Course: **Introduction to Computers** Relative Value: Pass/Fail
Credit: 0.25
Pre-Requisite: None

Introduction to Computers is a one-quarter course for students in Grade 9. Students will learn the importance of computers in today's society through the study of basic computer terminology, hardware, and software. Students will use computers as problem-solving tools and learn how to navigate the Internet for communication and research. Microsoft Office software will be used to compose, organize, and edit a variety of documents using Word, Excel, Publisher, and PowerPoint.

Course: **Economics** Relative Value: Table II
Credit: 0.5
Pre-Requisite: None

Economics provides students with concepts and principles covering supply and demand, role of consumers, patterns and goals of economic growth, labor and the relationship between private enterprise and government. In addition, this course is designed to enhance student awareness of the basis of economic processes in a modern setting and provide a necessary background in today's specialized economic world. This course will also provide an entry level introduction to the world of personal finance. Topics such as spending, saving, investing, retirement plans and tax considerations will be addressed.

Course: **Multimedia**
Credit: 1.0
Pre-Requisite: Animation or Computer Usage I

Relative Value: Table II

This course is offered to any junior or senior who wishes to explore the process of creating multimedia presentations. Multimedia would include the use of digital images, digital video, music and narration. Students in this class will learn to use digital still cameras as well as digital video cameras. The software in the course will include, but not be limited to, MovieMaker, PhotoStory, Audacity and Camtasia. The course will be project based with the vast majority of assessments being the creation of individual multimedia projects. The projects will be content based and related to other areas of study at Holy Cross High School. An example of a multimedia project will be the creation of oral histories based on individual interviews to preserve personal recollections of historical events such as 9/11.

Course: **Fundamental English III** Relative Value: Table I
Credit: 1.0
Pre-Requisite: English II or English II Modified

This course will be a continuation of the skill levels taught in Fundamental English II with an emphasis on a thematic approach to American literature. The study of two major American novels and two major plays may also be a requirement of the course. Varying writing assignments will be included. Grammar and usage will be reviewed through these assignments. The writing program may include creative writing assignments (i.e., fables, anecdotes, limericks, poetry) the essay, and the research paper. Students will study literary terms and find examples of terms in literary selections.

Course: **Honors English III** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Suggested 85 in English II Honors or 90 in English II and Department Approval

Honors English III is an accelerated curriculum for academically advanced students. A study of American literature through the twentieth century will be reviewed exclusively through writing assignments. Grammar and usage will be reviewed through these assignments. The writing program may include creative writing assignments, (i.e., fables, anecdotes, limericks, poetry) the essay, and the research paper. The comprehensive study of four major American novels, as well as three major plays may also be a requirement of the course. Vocabulary and speech requirements will continue. Mandatory outside readings will be done in conjunction with the text.

Course: **English IV** Relative Value: Table II
Credit: 1.0
Pre-Requisite: English III

This course is a chronological but highly selective study of English literature. Both poetry and prose literary works will be covered, including short stories, essays, novels and poems. Grammar and usage will be reviewed exclusively through writing assignments. Composition skills and paragraph development will receive major emphasis. The writing program includes creative writing assignments (i.e., poems, short stories, fables, etc.). At least two Shakespearean plays will be studied and two novels. Vocabulary development and speech requirements continue.

Course: **Fundamental English IV** Relative Value: Table I
Credit: 1.0
Pre-Requisite: English III or English III Modified

The purpose of this course is to meet the needs of those students who have limited ability in the Language Arts. It is designed to assess the student's reading ability and to present those selections, which can be presented effectively on their level of comprehension. It also included vocabulary and grammar study. The emphasis in writing is to have the students achieve clarity and a greater degree of precision in all forms of communication.

Course: **Honors English IV** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Suggested 85 in English III Honors or 90 in English III and Department Approval

This course consists of a more advanced program of study and a more rigorous approach to literature. The students read a minimum of three novels and four plays, two of which are Shakespearian. Novel selections include, but are not limited to *The Count of Monte Cristo*, *Life of PI*, *Animal Farm*, *Madame Bovary*, *Brave New World*. Students continue to develop their writing skills via the Collins Writing Program as well as through individual writing assignment including creative as well as formal writing projects. A study of vocabulary is always incorporated into the curriculum and continues on a weekly or bi-monthly schedule.

Course: **Advanced Placement English** Relative Value: Table IV
Credit: 1.0
Pre-Requisite: Recommendation of Honors English III Teacher and Department Approval

The Advanced Placement English course engages students in the careful reading and critical analysis of literature. Through the close reading of selected works students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes as well as other elements including figurative language, imagery, symbolism, and tone. This particular course covers an intensive chronological study of British literature with the genres of poetry, drama, and the novel. Composition will include a series of writings on literary topical genres typical of the expectations of college freshmen, including a research paper. Additionally, this course offers preparation for the A.P. English Literature and Composition exam given in May.

Course: **Creative Writing** Relative Value: Pass/Fail
Credit: 0.5
Pre-Requisite: None

Subject writing based on investigating and reporting whereas Creative Writing has solid roots in a writer's real-world experiences and memories. Both writing styles are fundamental in journalism. Students participating in this elective will develop their writing skills through weekly assignments and classroom editing. The creative writing class contributes to the high school literary magazine.

Course: **Literature to Film I** Relative Value: Table II
Credit: 0.5
Pre-Requisite: None

The Literature to Film course offers a look at various works of literature (including novels, novellas, short stories, and children's literature) and the relationship between those works and the films that they have inspired. Careful consideration has been taken to ensure that the works studied are either important literary works or important film works. A unit dedicated to the film technique of animation and another unit dedicated to ground-breaking films which are not based on literary works will also be included in the course. Literature to Film is an English elective that meets three days of the six day cycle.

Course: **The Novel** Relative Value: Table II
Credit: 0.5
Pre-Requisite: Recommendation of current English Teacher

This course will examine novels of both the 19th and 20th centuries, delineating the bridge between the traditional novel and the modern novel, tracing the novelist's journey from entertainer, to social critic, to psychological behaviorist. Included will be the literary works of Charlotte and Emily Bronte, Jane Austen, Charles Dickens, Thomas Hardy, Kaye Gibbons, Ann Tyler, James Joyce, Daphne du Maurier, Elie Wiesel, Anna Quindlen, Judith Gurst, Joanne Harris, and Thornton Wilder.

Course: **Critical Reading** Relative Value: Table I
Credit: 1.0
Pre-Requisite: None

Students will be introduced to the idea of reading as a process with different strategies used before, during, and after reading. Students will learn how to critically read many different kinds of text, including short stories, poems, plays, and nonfiction. Textbook selections from other subject areas will be studied as well. An emphasis will also be placed on reading in the everyday world by using current articles from newspapers and magazines. A study of prefixes, suffixes, and word roots will be ongoing.

Course: **Public Speaking** Relative Value: Table II
Credit: 0.5
Pre-Requisite: None

This course is an overview of the basics of effective speaking, including pronunciation, articulation, diction, projection, and inflection. This course will include persuasive, informative, narrative, extemporaneous, and ceremonial speeches. Organization of materials will include a correct introduction, body, and conclusion.

Course: **SAT Prep Verbal** Relative Value: Pass/Fail
Credit: 0.5
Pre-Requisite: None

This course will be offered as an elective to juniors will focus on test-taking strategies, types of questions, and important critical reading and writing reference information. Opportunities will be provided for actual practice testing. This course will also include test-taking strategies for the critical reading and writing part of the SAT.

Course: **Art III** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Art II and Department Approval

This course is designed for students displaying a high degree of talent and who are planning a career in art. Projects shall be directed toward fulfilling the requirements of portfolios necessary to gain admittance in most art schools and colleges. Two and three-dimensional design, and its theory are reviewed. These students experience painting as a fusion of form and color. To review basic theory and improve visual imagery, students engage in activities designed to aid in individual responsiveness, and free choice, plus taste, and expression within various medias. These may include: acrylics in several methods and techniques along with artists and styles, the use of watercolors, advanced oil painting, acrylics, wood carving, various types of ceramics, copper embossing, weaving and sculpture. Several methods of creating three-dimensional forms are experienced with the techniques of carving, assembling, and constructing in diverse materials. Various crafts may be explored such as enameling, batik, ceramic sculpture, wood carving, plaster casting, advanced charcoal, and pastels. Emphasis is placed on individualized instruction based on the student's emerging style and vision. Student art instruction will be displayed during any student-produced art exhibit.

Course: **Pre-AP Drawing** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Art I

This course has been developed to accommodate students who have expressed an interest in taking the A.P. Drawing class in their senior year. All course content is geared towards meeting the requirements in the A.P. Drawing course. Students will produce a volume of quality pieces of artwork. Students address all three sections of the portfolio; Breadth, Concentration and Quality. Students are challenged to develop their own personal ideas and themes. Emphasis is placed on the importance of original imagery. Students will also understand that art making is an ongoing process that uses informed and critical decision-making to determine outcomes to problems. Students will be expected to develop a comprehensive portfolio that clearly shows thorough understanding of these requirements. Student art instruction will be displayed during any student produced art exhibit.

Course: **A.P. Drawing** Relative Value: Table IV
Credit: 1.0
Pre-Requisite: Recommendation of Art III Teacher and Department Approval

The A.P. Drawing course is designed for advanced students who are interested in receiving college credit for college level introduction to drawing. Students are required to complete a portfolio of their work by the end of the course. This portfolio may be used for A.P. college credit, college placement or both. Work will be generated around three central themes; Breadth, Concentration and Quality. This course requires strong independent time management skills, self-reflection and an intrinsic drive to complete and present at least 24 fully developed pieces within the course. Students will receive summer work prior to participation in A.P. Drawing to help prepare them for the Breadth and Concentration workload. All students who enroll in the A.P. Drawing course must follow through with portfolio presentation to A.P. Central and receive scoring on their work. Student art instruction will be displayed during any student produced art exhibit.

Course: **Photography I**
Credit: 1.0
Pre-Requisite: None

Relative Value: Table II

This course introduces students to fundamentals of photography. Students learn camera handling, proper exposure and composition. The course is designed to provide students with sufficient darkroom techniques to enable them to complete all the steps in black and white processing of film and development. This includes photo printing and enlarging. Students must have a 3.5 mm camera. Also, students will learn the chemistry involved in developing negatives and photographs. Student photographers must be prepared to pass several tests on the chemicals involved in this course before they will be allowed access to the darkroom. Finally, emphasis will be placed on developing work for completion of portfolios for acceptance into college or schools of photography. Photos will be displayed during the student-produced exhibit.

Course: **Computer Art I**
Credit: 0.5
Pre-Requisite: None

Relative Value: Table II

This course is designed as a survey course to introduce students to the computer as an art medium. Students will explore such topics as the Elements and Principles of Art/Design, digital photography, and computer illustration, while developing their own creative expression. With traditional studio art fundamentals as a guide, this course will explore the tools and applications of the Adobe Creative Suite, including Photoshop and Illustrator. Students will examine and compare file formats and resolution as they relate to both print and web output devices. Students will use a scanner and digital camera and learn to import images to be used for photo manipulation for print and web layouts. Assessments will include project rubrics, notebook/sketchbook work and quizzes.

Course: **Graphics and Print Design**
Credit: 0.5
Pre-Requisite: Computer Art I

Relative Value: II

This course, designed for more abstract creative thinking, will allow students to explore the computer based design with a focus on file formats, tools and resolution required for offset printing. Students will continue to explore industry standard applications such as Adobe Photoshop and Illustrator, as well as begin work in layout programs such as InDesign. Projects will be geared toward further development and application of the Adobe Design Suite in order to create posters, package designs and computer illustrations. The history of graphic design will be explored as students critically analyze and make aesthetic judgments on prominent graphic artists of that past and present.

Course: **Animation and Web Design** Relative Value: II
Credit: 0.5
Pre-Requisite: None.

This course, designed for more concrete sequential thinking, will build the student's understanding of animation and web design. In addition to learning basic html and css, students will use "wysiwyg" programs such as Dreamweaver to create interactive web sites and Adobe Photoshop to create and optimize graphics for the web. Additionally, students will research web hosting and follow ftp procedures. Students examine various animation processes including flip books, stop motion and computer animation. Students will use such programs as Microsoft Movie Maker, Adobe Photoshop and Adobe Flash to create animations. Students may also explore aspects of Adobe Flash as it relates to an active website and animation. Assessments will include project rubrics, notebook/sketchbook work, and quizzes.

Course: **Chorus** Relative Value: Pass/Fail
Credit: 1.00 and 0.50
Pre-Requisite: None

Chorus develops musical skills in the areas of vocal techniques, reading and performance. It also acquaints students with a variety of music literature and enables them to participate in a rewarding group activity. All singers participate in school concerts, assemblies, liturgies and participation in various community and music educational events is encouraged. Students are also encouraged to take advantage of cultural activities (theater, vocal ensembles, private lessons, etc.) in the area.

Course: **Introduction to Music** Relative Value: Pass/Fail
Credit: 0.25
Pre-Requisite: None

This is a course required of all freshmen. The student will become familiar with the major elements of musical style as well as an understanding of basic notation. An understanding of fundamental music vocabulary is stressed, with emphasis on intelligent and critical listening. A small portion of this course will be devoted to group singing of liturgical and secular works.

Course: **Music Theory** Relative Value: Table II
Credit: 1.0
Pre-Requisite: Department Approval

This course involves learning to read musical notation. This is an elective open to sophomores, juniors and seniors with or without any previous musical experience. The goal of the Music Theory course is to develop a student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score. This goal is realized through the development of fundamental aural, notational and performance skills. Subject matter includes: Interval, pitch patterns, metric/rhythmic patterns, chords and the terms that are a part of basic understanding of music.

Course: **Latin I**
Credit 1.0
Pre-Requisite: None

Relative Value: Table II

The first course in Latin involves translation, basic grammar and vocabulary. The best-known stories of Roman and Greek mythology, written in simple Latin, are translated into English. This acquaints the student with the many allusions to mythical characters and episodes in English and American literature. The declensions, conjugations and rules of grammar are drilled thoroughly, thus enabling the student to recognize basic grammatical constructions in Latin, as well as in English and in Foreign Languages. Vocabulary building is stressed for its importance in Latin readings and in increasing word power in English, through a study of derivatives. Latin expressions used in English are presented to help the modern reader appreciate and cope with interesting and useful maxims, proverbs, and terms used in law. Students may choose to take the National Latin Exam during this course.

Course: **Latin II**
Credit: 1.0
Pre-Requisite: Latin I and Department Approval

Relative Value: Table III

The second year student translates a choice of readings, which are graduated in difficulty. These include selections from the following: The Timeline Labors of Hercules, Julius Caesar's Commentaries and Ovid's *Metamorphoses*. In addition to a systematic review of first year grammar, more involved grammatical constructions are represented and drilled to facilitate the reading of the Latin authors. Drill in vocabulary and English derivatives is continued in order to build word power. Latin expressions used in English are presented to help the modern reader appreciate and cope with interesting and useful maxims, proverbs and terms used in law. In addition medical and pharmacological abbreviations are included to provide students with advantage in competitive medical studies. Students will take the National Latin Exam during this course.

Course: **Latin III**
Credit: 1.0
Pre-Requisite: Latin II Teacher Recommendation and Department Approval.

Relative Value: Table III

Third year Latin is designed to take the student beyond the elementary level of reading and understanding Latin literature. Latin III focuses on Cicero's orations and letters with special attention to Cicero's rhetorical devices, the importance of the study of rhetoric in ancient times, and a typical outline of a classical oration. There is complete review of Latin forms, syntax and vocabulary needed for mastery during first, second and third years of high school Latin. Latin III also presents a rich variety of further Latin readings. Selections from Pliny, Ovid and post-classical Latin round out the content of third year Latin. Latin expressions used in English are presented to help the modern reader appreciate and cope with interesting and useful maxims, proverbs and terms used in law. In addition medical and pharmacological abbreviations are included to provide students with advantage in competitive medical studies. Students will take the National Latin Exam during this course.

Course: **Latin IV** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Latin III Teacher Recommendation and Department Approval.

Fourth year Latin is designed for a course in the reading of Latin poetry. Latin IV focuses on Vergil's *Aeneid* with special attention to Latin verse, rules of scansion, figures of speech, grammatical constructions common in Latin poetry and vocabulary needed for understanding poetry. Selections from Ovid, Catullus, Horace and Martial illustrate the range in subject, mood, meter and diction to be found in the Late Republic and Early Empire. Latin expressions used in English are presented to help the modern reader appreciate and cope with interesting and useful maxims, proverbs and terms used in law. In addition medical and pharmacological abbreviations are included to provide students with advantage in competitive medical studies. Students will take the National Latin Exam during this course.

Course: **Spanish I** Relative Value: Table II
Credit: 1.0
Pre-Requisite: None

Students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. The students will communicate in all four language skills – listening, speaking, reading and writing. Emphasis will be placed on the ability to communicate orally and in writing.

Students will demonstrate an understanding of traditions, customs, beliefs, and cultural contributions and how these relate to the native language. Students will connect information about the language with concepts studied in other subjects. Through the study of language and culture, students will develop insight into their own language and culture. Students may participate in the National Spanish Exam to compete against their peers from all parts of the country. Student may choose to take the National Spanish Exam during this course.

Course: **Spanish II** Relative Value: Table II
Credit: 1.0
Pre-Requisite: Spanish I

Students will continue to develop proficiency in all language skills – listening, reading, speaking and writing. Emphasis will be placed on the ability to communicate both orally and in writing. More complex sentence and language structures will be utilized. The students will read short stories and produce writing samples.

Students will demonstrate an understanding of traditions, customs, beliefs, and cultural contributions in relation to the native language. Students will connect information about the language with concepts used in other subjects. Through the study of language and culture, students will recognize, compare, and contrast language concepts, and participate in a global community using their language skills to communicate with native speakers. Students may participate in the National Spanish Exam to compete against their peers from all parts of the country. Student may choose to take the National Spanish Exam during this course.

Course: **Spanish III** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Spanish II Teacher Recommendation and Department Approval.

Students continue to develop and refine proficiency in all four language skills in all four areas: listening, speaking, reading and writing with an emphasis on the ability to interact orally and in writing. They communicate using more complex language structures on a variety of topics. At this level students comprehend the main ideas of the authentic materials that they read and hear and are able to identify many details when the topics are familiar. Students gain a deeper understanding of the world around them while studying rights and responsibilities, future plans, choices, environment, technology and humanities. Student may choose to take the National Spanish Exam during this course.

The course's primary goals are to:

- Communicate in Spanish;
- Demonstrate an understanding of traditions, customs, beliefs and cultural contributions and how these elements relate to language;
- Be able to acquire information and connect with other disciplines;
- Learn to function in a variety of practical settings using listening, speaking, reading and writing skills as well as knowledge of the target culture;
- Develop insight into English and their own culture;
- Be able to participate in national testing to compete against their peers from all parts of the country;
- Be introduced to vocabulary imbedded in authentic reading materials with a constant review of grammar introduced at all levels and integrated into readings.

Course: **Spanish IV** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Spanish III Teacher Recommendation and Department Approval.

Students develop more sophisticated communication skills in all four areas: listening, speaking, reading and writing with an emphasis on the ability to interact orally and in writing. Authentic reading selections are emphasized at this level. Students communicate using more complex language structures and begin to express abstract ideas.

Students demonstrate an understanding of traditions, customs, beliefs and cultural contributions and how these elements relate to language. They are able to acquire information and connect with other disciplines and learn to function in a variety of practical settings using listening, speaking, reading and writing skills as well as knowledge of the target culture. Students will develop insight into English and their own culture and they will be able to participate in national testing to compete against their peers from all parts of the country. Students will be introduced to vocabulary imbedded in authentic reading materials. A constant review of grammar is introduced at all levels and integrated into readings. Student may choose to take the National Spanish Exam during this course.

Course: **Spanish Language Culture I** Relative Value: Table I
Credit: 1.0
Pre-Requisite: None

This course introduces and cultivates the Spanish language. Basic everyday vocabulary is introduced through the spoken word while responses to questions are given in Spanish. Composition is also a part of this course.

Course: **Spanish Language and Culture II** Relative Value: Table I
Credit: 1.0
Pre-Requisite: World Languages

Through the study of language and culture, students will develop insight into their own language and culture. Basic language and grammar is introduced through written and spoken word. Videos, songs, and stories help the students learn of the Hispanic Culture.

Course: **Honors Algebra II/Trigonometry** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Algebra I Honors and Department Approval

This course an in-depth study of advanced algebraic theories, prepares the student for future study of Pre-Calculus. Topics include all those in Algebra II and in Trigonometry, with special emphasis on linear functions and relations, polynomial and radical expressions and equations, complex numbers, trigonometric functions and identities, and practical applications.

Course: **Honors Pre-Calculus** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Honors Algebra II/Trigonometry and Department Approval

Pre-Calculus is an intense, demanding course focused on functions and their graphs. Topics include analytic geometry with emphasis on the theory of equations. Foci include polynomial and rational functions, conic sections, exponential and logarithmic functions, systems of equations and inequalities, trigonometry and its applications, vectors and their applications, the polar coordinate plane, sequences and series and their applications, and the fundamental notion of a mathematical limit.

Course: **Trigonometry** Relative Value: Table II
Credit: 1.0
Pre-Requisite: Algebra II

Trigonometry is designed as a sequel to Algebra II. It introduces the student to the trigonometric and circular functions, their inverses, and their graphs. Practice and skills development lead to original proofs of trigonometric identities, solutions to trigonometric equations, and graphs of polar equivalencies. Practical applications involving triangles are a primary focus of this course.

Course: **Finite Mathematics** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Honors Pre-Calculus and Department Approval.

This course is the traditional post-secondary math requirement for first year college students majoring in business or the social, behavioral, biological sciences. Fundamental themes include linear systems, linear programming, operations with/applications of matrices, mathematics of finance, number theory and counting techniques, probability and statistics, and logic. Practical applications are a primary focus.

Course: **Honors Calculus** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Honors Pre-Calculus and Department Approval.

This course includes all theory contained in a one-semester college course for Mathematics/Science majors, and begins with an extensive review of relevant concepts from Trigonometry and Pre-Calculus. The objectives include techniques of differentiation and integration, limits, continuity, and logical extensions to practical applications.

Course: **A.P. Calculus** Relative Value: Table IV
Credit: 1.0
Pre-Requisite: Honors Pre-Calculus, Teacher and Department Approval.

Advanced Placement Calculus consists of a full collegiate course in calculus and related topics in accordance with the A.P. Calculus AB Syllabus. This course is intended for students with an in-depth knowledge of college preparatory mathematics, including algebra, axiomatic geometry, trigonometry, analytic geometry, and pre-calculus. Topics include applications to physics/engineering/biological sciences, differential equations, power series and polar systems. A TI 83 calculator is required and all students must take the Advanced Placement Examination upon completions of this course.

Course: **Topics in Mathematics** Relative Value: Table I
Credit: 1.0
Pre-Requisite: Departmental Approval

Topics in Mathematics is a course designed for students who require practice with mathematical applications. These include: measurement, income, personal banking, credit, consumer spending, taxes and investments. Regular drill on fundamental mathematics is a primary focus of this course.

Course: **Biology** Relative Value: Table II
Credit: 1.0
Pre-Requisite: Physical Science

Biology is the study of living things. Of all the sciences, Biology is the most relevant to our daily lives because it touches on all facets of life, human, animal and plant. Its primary purpose is to relate and develop a love, appreciation, and respect for all living things. Students become knowledgeable of organisms, of how they are structured and react to their environment, thus enabling them to understand the role played by all organisms on earth's surface and how each fits into the intricate scheme of life. All levels of biological organization are discussed from the molecule through cells, tissues, organs, individuals, population, species, communities and the world Biome. This Biology course is recommended for college bound students and is required for a career in science, nursing, medicine and related fields.

Course: **Honors Biology** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Recommendation of Physical Science Teacher and Department Approval.

Of all the sciences, Biology is the most relevant to our daily lives because it touches on all facets of life, human, animal and plant. Include in this course is a study of life systems and the dissection of various representative classes of animals. All levels of biological organization are discussed from the molecule through cells, tissues, organs, individuals, population, species, communities and the world Biome. In addition, a variety of research projects as well as article reports are assigned to encourage students to read and to further challenge the more gifted student. This Biology course is accessible to students who have been selected as high achievers based on entrance examinations, teacher recommendation and performance in the freshman year. A research project will be required.

Course: **Honors Biology II** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Honors Biology and/or Chemistry Honors and Department Approval

Honors Biology II, an advanced science elective, introduces new topics that are a continuation of Honors Biology. Because this class emphasizes depth of understanding, a limited number of topics are selected for study. Examples of course material include, but are not limited to, biochemistry, animal behavior, evolutionary biology, genetics, and structure and function of organisms. Scientific articles from a variety of sources are used to enrich the curriculum. Laboratory work and special projects enhance the curriculum. This class is recommended for students who are interested in a major in the life sciences or have an interest in specific biological concepts. Students are required to work at an accelerated pace, utilize higher level thinking skills, and submit high quality work.

Course: **Advanced Placement Biology** Relative Value: Table IV
Credit: 1.25
Pre-Requisite: Honors Biology or Biology (minimum grade 90%) and concurrent enrollment in Chemistry or Honors Chemistry

Advance Placement Biology is an accelerated course designed to be the equivalent of a college introductory Biology course. It places emphasis on the major concepts of biology including cells, heredity, evolution, organism and populations. This course will prepare students for the AP Biology examination, which at some institutions may be used as college credit. Due to the intensive nature of this course, it will be necessary for students to complete work outside of standard class time. This includes preparatory work for the course over the summer and a required laboratory portion of the course will be held after school hours. A test will be given during the first week of school on the independent summer coursework. All students who enroll in this course are required to take the Advanced Placement exam in May.

Course: **Conceptual Chemistry** Relative Value: Table I
Credit: 1.0
Pre-Requisite: Biology or Conceptual Biology

Conceptual Chemistry introduces the student to the concepts and laws of chemistry and their application to real life experiences. The fundamentals of matter, its composition, and reactions are explored through laboratory experiments.

Course: **Chemistry** Relative Value: Table II
Credit: 1.0
Pre-Requisite: Algebra II or concurrent enrollment in Algebra II and Biology Department Approval.

Chemistry is a Physical Science dealing chiefly with the microstructure of matter and all aspects and implications of the structure. Chemistry introduces the student to the mathematical analysis and the verification of the concepts and laws of chemistry. The principle of atomic structure is used to explain the differences occurring in the various types of matter and the changes in composition that matter can undergo. Some course topics included are: The gas laws, nuclear chemistry, the mole concept, carbon chemistry, the modern theories of acids and bases and different types of chemical reactions. This study is recommended for the student planning a college education. Chemistry is necessary for anyone planning careers in science, medicine, nursing, engineering and related fields. A calculator is required.

Course: **Honors Chemistry** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Recommendation of Honors Biology Teacher and Department Approval, Honors Algebra II/Trigonometry or concurrent enrollment in Honors Algebra II/Trigonometry.

Chemistry is a Physical Science dealing chiefly with the microstructure of matter and all aspects and implications of the structure. The principle of atomic structure is used to explain the differences occurring in the various types of matter and the changes in composition that matter can undergo. Some course topics included are: The gas laws, nuclear chemistry, the mole concept, carbon chemistry, the modern theories of acids and bases and different types of chemical reactions. Since Chemistry is an exact science heavily reliant upon experimentation, the Honors student will be required to design projects pertinent to the concepts presented in this class. They will also have the opportunity to complete written reports based on current chemical breakthroughs. A research project will be required. The Honors level requires students to work at an accelerated pace and grasp material in greater depth. A calculator is required.

Course: **Honors Chemistry II** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Honors Chemistry I, Concurrent Enrollment in Honors Physics or Physics, and Department Approval.

This advanced course is a comprehensive study of the laws, theories and principles of Chemistry, emphasizing problem-solving techniques. The major topics covered in this course are Thermochemistry, Reaction Spontaneity, Equilibrium, Chemical Kinetics, REDOX Reactions and Solubility Prediction. This course uses a college level textbook and requires independent student work. A research project is required. A calculator is required.

Course: **Advanced Placement Chemistry** Relative Value: Table IV
Credit: 1.25
Pre-Requisite: Honors Chemistry or Chemistry (minimum grade 90%), Algebra II/Trigonometry and Concurrent Enrollment in Honors Physics or Physics.

This advanced course is a comprehensive study of the laws, theories, and principles of chemistry, with a heavy emphasis on problem-solving techniques and drawing conclusions. The major topics covered in this course include chemical bonding, nuclear chemistry, states of matter, chemical reactions, stoichiometry, equilibria, kinetics, thermodynamics, carbon chemistry, and acids and bases. This course uses a college level textbook and requires laboratory work after school and independent student work during the summer months prior to the beginning of the school year. A test will be given during the first week of school on the independent summer course work. All students who enroll in this course are required to take the Advanced Placement exam in May. A calculator is required.

Course: **Conceptual Physics** Relative Value: Table I
Credit: 1.0
Pre-Requisite: Conceptual Chemistry

Conceptual Physics is a course that places primary emphasis on the study of matter-energy relationships through words rather than mathematical relationships. This course will help students to appreciate the world around them through the study of fundamental physical laws. The topics covered include linear motion, two-dimensional motion, Newton's Laws of Motion, impulse and momentum, energy, wave motion and electricity.

Course: **Physics** Relative Value: Table II
Credit: 1.0
Pre-Requisite: Algebra II/Trig or Trig, Chemistry and Department Approval

Physics is a study of the physical world as seen through matter-energy relationships. This classical approach to the study of physics acquaints students with the fundamental physical laws and enables development of logical thought processes. Thus, this course is designed to help students think and analyze problems in the real world. This physics course will cover measurement, linear motion, two-dimensional motion, Newton's Laws of Motion, impulse and momentum, energy, wave motion, and electricity. Laboratory experimentation is provided to allow time for the investigation and clarification of classroom theory. A mathematical approach is emphasized, so a calculator is required.

Course: **Honors Physics** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Chemistry Honors and Department Approval.
Co-Requisite: Pre-Calculus, Calculus or Finite Mathematics

Physics is a study of the physical world as seen through matter-energy relationships. This classical approach to the study of physics acquaints students with the fundamental physical laws and enables development of logical thought processes. This, this course is designed to help students think and analyze problems in the real world. This physics course will cover measurement, linear motion, two-dimensional motion, Newton's Laws of Motion, impulse and momentum, energy, wave motion, and electricity. Laboratory experimentation is provided to allow time for the investigation and clarification of classroom theory. A mathematical approach is emphasized, so a calculator is required. The Honors students will be required to design projects pertinent to the concepts presented in this class. A research project will be required. The Honors level requires students to work at an accelerated pace and grasp material in greater depth.

Course: **Honors Human Anatomy and Physiology** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Chemistry, Concurrent Enrollment in Honors Physics or Physics, and Department Approval.

Honors Human Anatomy and Physiology is designed for students who are interested in a career that involves study of the structure and function of the human body. The focus of this course is on the relationship between structures and their functions as each system is presented. Laboratory work is an essential component of the curriculum. Students will dissect a variety of preserved specimens, conduct physiology experiments, and examine objects under the microscope. Scientific articles are utilized to discuss current research information as well as historical information. Students are required to work at an accelerated pace, utilize higher level thinking skills, and submit high quality work. Special projects may be assigned. This course is highly recommended for college-bound students contemplating a career as a biologist, physician, physical therapist, pharmacist, or a myriad of other professions requiring extensive knowledge of the human body.

Course: **Human Anatomy**
Credit: 1.0
Pre-Requisite: Biology and Chemistry.

Relative Value: Table II

Human Anatomy is designed for students who are interested in a career that involves the structure and function of the human body. The emphasis for this course is the anatomy of the human body. Some attention will be given to human physiology. Laboratory work is an important component of the curriculum. Students will examine a variety of preserved specimens and examine objects under the microscope. Scientific articles are utilized to discuss current research information as well as historical information. Special projects may be assigned. This course is recommended for students contemplating a career in the sciences, especially a medically-related field.

Course: **Environmental Science**
Credit: 1.0
Pre-Requisite: Conceptual Chemistry or Chemistry is a co-requisite in the junior year.

Relative Value: Table II

This interdisciplinary class is of special interest to the student who is interested in environmental issues. The history of environmental science, major concepts in environmental science, and current topics are the focus of the course. Scientific articles from a variety of sources are used to enrich the curriculum. Laboratory work and special projects enhance the curriculum. This course is recommended for college-bound students who anticipate a career in the sciences as well as those with a specific interest in environmental science. Local environmental issues will be examined.

Course: **Special Topics in Science: Forensics and Environmental Science** Rel. Value Table II
Credit: 0.5
Pre-Requisite: Chemistry or Chemistry as a co-requisite in the junior year.

Both forensic science and environmental science are quickly growing and competitive fields. This course will serve as an introduction to both sciences. Forensic science will focus on the crime scene, trace evidence, document analysis, etymology, and forensic anthropology. Environmental science will focus on the history of environmental science, major concepts, and local environmental issues. Laboratory work is an important component of the course. This course is intended for college bound students who anticipate a career in science as well as those with a special interest in environmental and forensic science.

government, economics, culture, and geography of the United States. Emphasis is on the Colonial Period, Revolutionary War, Constitution, Territorial Expansion, Civil War, and Post-Reconstruction.

Course: **World Geography/PA History** Relative Value: Table II
Credit: 1.0
Pre-Requisite: None

Through this course, students gain a greater awareness of the world community in which they live. The content focuses on the physical, cultural and economic geography of various nations in Europe, Asia, South America, North America and Africa, as well as emphasizing map skills and general geographic concepts

Course: **American History II** Relative Value: Table II
Credit: 1.0
Pre-Requisite: Completion of U.S. History I and Teacher/Department Approval

American History II is a course that will focus on the rapid economic, political, and social changes in the United States in the 20th century. It will cover the period from 1865 to the present. American History II will emphasize America's involvement in both world wars as well as their participation in global conflicts and limited wars. Additionally, the students will be responsible for analyzing current events, evaluating the changes that occurred in the 20th century and how they affect our country today, and assessing their impact on current and future society.

Course: **Honors U.S. History II** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Completion of Honors U.S. History I and Department Approval.

Honors U.S. History II offers a comprehensive study of American History from reconstruction to the present. This course serves as a preparation for the A.P. U. S. History course. The course will focus on selected topics, such as cultural contributions of specific groups in history (i.e., women, African Americans, Native Americans, immigrants, etc.). Acceptance into this course is based on academic achievement, high level of interest, and teacher recommendation.

Course: **American History III** Relative Value: III
Credit: 1.0
Pre-Requisite: Department Approval.

The purpose of this course is to expand on American History II. This course is offered to seniors in addition to the A.P. American History course. The course will examine American History from World War II through the present day.

Course: **American Government**
Credit: 0.50
Pre-Requisite: Department Approval

Relative Value: Table II

American Government is the study of our democratic system from its foundation to its ever-changing present. Students in this course will study the organization and utilization of our three levels (Federal, State, and Local) of government as well as our three branches of government as created by the U.S. Constitution. Major emphasis will also be placed on voting and non-voting political elections, political parties, and campaign issues as studied through both the electronic and print media.

Course: **Criminal Law**
Credit: 0.5
Pre-Requisite: None

Relative Value: Table II

This course is designed to assist students with identification of criminal behaviors and activities. The course defines crime and helps students to classify the different categories of crimes. Students will also examine the philosophies of criminals and identify causes and effects of crime on individuals and society. This course will also identify the individual rights of the accused and the constitutionality of crime and criminals.

Course: **Civil War and Reconstruction**
Credit: 0.5
Pre-Requisite: None

Relative Value: Table II

This course will take an extensive look into American Civil War and Reconstruction. The course will identify the sectional tensions of America in pre-Civil War Era as well as the causes of the Civil War. The course will examine the major battles and/or contributors to the Civil War. The course will also identify major long-term political, social, and economic effects of the Civil War on America. The course will identify the different elements of Reconstruction, the Reconstruction Plans, the Civil War Amendments, and the impact of Reconstruction on America.

Course: **A.P. United States History** Relative Value: Table IV
Credit: 1.0
Pre-Requisite: Completion of U.S. History Honors and Department Approval.

Advanced Placement American History is offered to select students in the senior Social Studies program. Students will engage in an outlined course of study emphasizing the nineteenth and twentieth centuries through considerable classroom time spent mastering techniques of essay writing and analyzing historical documents. The students will describe the major political, economic, social, literary, and cultural history of the United States by the following frames:

- A. The Colonial Period
- B. The American Revolution
- C. The Jacksonian Period
- D. The Civil War and Reconstruction
- E. Populism and Progressivism
- F. The New Deal
- G. International Affairs and Domestic Changes – Post 1945 Period

An examination using the standard test from the Advanced Placement Program will be given in May. Participating students must take the A.P. Examination upon completion of the course. This evaluation score can qualify the student for undergraduate college credit.

Course: **Psychology** Relative Value: Table II
Credit: 0.5
Pre-Requisite: None

Psychology is an elective course that surveys the science of psychology, its theoretical foundations, and practical applications. The areas surveyed include motivation, emotion, learning, sensation and perception, personality, social behavior and techniques of measurement and developmental psychology. It includes both individual and group activities.

Course: **Sociology** Relative Value: Table II
Credit: 0.5
Pre-Requisite: None

Sociology emphasizes learning through inquiry requiring a high level of student participation. Students study the elements of sociological theory and the elements of social research while investigating the various societies, their customs, cultures, institutional roles, and social problems such as: poverty, racism, drugs, delinquency, alcoholism, child abuse, and teenage suicide. Role-playing is encouraged.

Course: **Mythology** Relative Value: Table II
Credit: 0.5
Pre-Requisite: Department Approval.

The student is first introduced to a proper background of Mythological terminology, names, symbols and historical folklore. This is followed by a concentrated study of the writings of Homer, especially the *Iliad* and the *Odyssey*. Finally, the manner in which the people of that time perceived the gods, the nature of man and the problems of life are explored.

Course: **Study Skills**
Credit: 0.25
Pre-Requisite: None

Relative Value: Pass/Fail

This course is taught as a one quarter course. It focuses on setting goals, time management, note taking, learning styles (auditory, tactile and visual), tracking on Edline (including tracking grades and assignments), organizational skills (notebooks, planners, locker, etc.), classroom expectations, learning environment, reading and studying specific courses (including science, history, math and foreign language), following directions, test taking skills, reducing anxiety, and some life and stress management skills.

THEOLOGY DEPARTMENT

Overview

The secondary Religious Education Program seeks to form the whole Christian person in an integrated faith life within the Church community by interweaving the four components of catechesis: word, worship, community, and service. First, young people develop their understanding of the **Catholic tradition** through the study of content of the Church's faith.

Second, the Secondary Religious Education Program acknowledges the tremendous need for the accompanying spiritual development of the teen. Students integrate the knowledge gained about the Church's faith with their own lived religious experience. They are invited to participate in various forms of prayer and worship that are essential to the life of a believer. Young people encounter the Scriptures not simply as a textual object for study but as the living word.

Third, the young person's commitment to God in faith finds expression in a corresponding commitment to the **community of the church**. In the Church's ministry to young people in the Religious Education Program, the students may recognize their own vital place within the community of disciples. They are welcomed, valued, supported, and guided.

Finally, young people are initiated into the gospel mandate of **service to others**. Teachers present love of neighbor not so much as a command, but as a way of life. The communion with God overflows into action in the service of others, particularly those most in need. Secondary students engage in service hours as a necessary component of their progress in the program.

Christian Service

To be a student at Holy Cross High School is to make a positive commitment to serve others. This is the gift and responsibility of every Christian. Holy Cross High School recognizes this call to serve as a vital element in the student's growth in faith.

All students are required to participate in the service projects sponsored by Holy Cross High School. These projects reach out to 1) the school community; 2) the parish community; 3) the local civic community; and 4) the global community. Underclassmen are required to complete twenty (20) hours of service during each year as part of a structured service program. Seniors are required to complete forty (40) hours of service.

REQUIREMENTS:

A designated Bible must be purchased through the 9th grade Theology class. The Bible will be used for four (4) years of study.

Course: **Theology IV** Relative Value: Table III
Credit: 1.0
Pre-Requisite: None

The objective of Senior Theology is to have students come to a deeper and more mature grasp of how the Church's life through the centuries has produced the modern Catholic Church and how they might pursue the universal call to holiness within the Church through their vocations.

The senior curriculum is divided into three parts.

Part One – Church History

This section begins with the institution of the Church and its development throughout the centuries. References to papal and conciliar documents are meant to assist with the study of the development of doctrine. A study of saints, blessed, and venerables are given to facilitate the study of the Church's growth through the lives of individuals whose faith, service, and devotion serve as models for us.

Part Two – Ecclesiology

This study is based on the *Catechism of the Catholic Church* and Vatican II's *Dogmatic Constitution of the Church (Lumen Gentium)*. It gives a basic overview of the nature and mission of the church.

Part Three – Vocation

Referenced to the *Catechism of the Catholic Church* and to Scripture, and Bishop Martino's Pastoral Letter on Chastity, this study helps the student focus on the manner in which each individual finds happiness and eternal salvation in living out his or her vocation

Course: **Classics of Theology/Philosophy** Relative Value: Table III
Credit: 1.0
Pre-Requisite: Grade 12 and Department Recommendation

Classics of Theology/Philosophy is an elective that serves to expose the student to some of the classic intellectual, literary and spiritual writings of our Catholic tradition. The class is conducted in seminar format with each student offering analysis and commentary on a survey of writings from St. Augustine, St. Thomas Aquinas, St. John of the Cross, St. Therese of Lisieux, and others.

Course: **St. Paul: A Man of Letters** Relative Value: Table II
Credit: 0.5
Pre-Requisite: None

This elective course will give the students a thorough knowledge of the life and letters of St. Paul. Particular focus will be placed on Romans I and II, Corinthians and Galatians. Students will receive a detailed understanding of issues such as authorship and inspiration. Topics such as salvation, suffering and other major theological issues will also be covered in detail.

Course: **Awaken to Prayer**
Credit: 0.5
Pre-Requisite: Department Approval

Relative Value: Table II

In this elective course, students will “experience” the meaning of prayer. What is prayer? How can I pray? The course will include an overview of the classic texts of Catholic spirituality and prayer, the prayer of the saints, the use of scripture for prayer, meditation, and contemplation. The elective will explore the Mass, Liturgy of the Hours, *Lectio Davinia*, the *Our Father*, litanies, conscious breathing and mindfulness, and centering prayer. No text is required other than the students’ copies of *The New American Bible*.

Course: **Social Justice**
Credit: 0.5
Pre-Requisite: None

Relative Value: Table II

Catholic Social Justice is the teaching that attempts to understand how societies work and what moral principles and values ought to guide them. Modern Catholic social teaching comes to us from a strong tradition of writings of popes, especially since Pope Leo XII of the nineteenth century. The course will challenge the student to recognize and name some of the injustices in our world and society. The student will also discover how in light of our Catholic faith and tradition to analyze some causes of injustice. Finally, the student will learn how we, both as individuals and as a community of faith, should respond to injustice.

CAREER-TECHNICAL TRAINING

General Information

Students participating in the Career Technology program will take classes on a half-day basis at the Career Technology Center of Lackawanna County located at the Henry J. Dende Center on Rockwell Avenue in Scranton.

Participating school districts include: Carbondale, Dunmore, Forest City, Lakeland, Mid-Valley, North Pocono, Riverside, Scranton, and Valley View.

Course:	Career Technology Elective	Relative Value: Table 1
Credit:	2 in Grades 10 and 11 3 in Grade 12	

Pre-Requisite: Acceptance by the Career Technology Center through application.

Courses offered to replace electives that would have been chosen at the home school include:

Automotive Technology	Building Maintenance Technology
Business Information Technology	Carpentry
Child Development	Collision Repair Technology
Commercial Art and Design	Computer Maintenance Technology
Cosmetology	Drafting and Design Technology
Electrical Construction and Maintenance	Electronics Technology
Food Service and Production Technology	Restaurant Practice
Graphic Communications Technology	Health Occupations Technology
Horticulture and Landscaping	Industrial Machine Technology
Plumbing and Heating Technology	Protective Services Occupations
Trowel Trades	Welding Technology