



MILWAUKEE LUTHERAN HIGH SCHOOL

2016-2017 ACADEMIC HANDBOOK

SHARING JESUS, SHAPING LIVES, DEVELOPING LEADERS

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INTRODUCTION

This academic handbook describes the various programs, registration information, and course offerings available to students at Milwaukee Lutheran High School. Also included are graduation requirements, college admission requirements, and academic procedures.

This guide describes courses to be offered during the 2016-2017 school year. It should be noted that some courses listed may not be offered due to insufficient enrollment.

EDUCATIONAL PROGRAMS

Instruction and student learning at Milwaukee Lutheran are approached from a Christian worldview. This framework provides students the knowledge and skills to analyze and approach all situations and ideas from a Biblical viewpoint.

Students are provided with an extensive curriculum that allows for maximizing individual potential as well as appropriately enhancing the skills necessary for success in today's modern society. Courses are designed to help learning focus on timely and relevant experiences. Regardless of the program of study, Milwaukee Lutheran is determined to train each individual for effective living in their home, church, community, vocation, and leisure.

I. COLLEGE PREPARATORY

This is a well-balanced program, embracing subjects of academic and cultural value. While college preparation is the focus, our student body size and teaching expertise allows us to provide a variety of elective courses that supplement the core curriculum and round out a student's academic experience. The curriculum emphasizes critical thinking, problem solving, discernment, and assessment of reading, writing, computation, and communication skills.

<u>GRADUATION REQUIREMENTS</u>	
For Class of 2017, 2018, 2019	
Religion	8 Credits
English	8 Credits
Social Studies	6 Credits
Mathematics	6 Credits
Science	6 Credits
Physical Educ.	4 Credits
*Financial Literacy	1 Credit
Electives	10 Credits
<i>TOTAL = 48 Credits</i>	
<i>1 Credit = 1 Semester</i>	

<u>RECOMMENDED FOR COLLEGE</u>	
Religion	8 Credits
English	8 Credits
Social Studies	6 Credits
Mathematics	6 Credits
Science	6 Credits
Foreign Language	4 Credits
Physical Educ.	4 Credits
Electives	12 Credits
<i>TOTAL = 54 Credits</i>	
<i>1 Credit = 1 Semester</i>	

<u>GRADUATION REQUIREMENTS</u>	
For Class of 2020	
Religion	8 Credits
English	8 Credits
Social Studies	6 Credits
Mathematics	6 Credits
Science	6 Credits
Physical Educ.	4 Credits
*Financial Literacy	1 Credit
Electives	12 Credits
<i>TOTAL = 50 Credits</i>	
<i>1 Credit = 1 Semester</i>	

<u>RECOMMENDED FOR COLLEGE</u>	
Religion	8 Credits
English	8 Credits
Social Studies	6 Credits
Mathematics	6 Credits
Science	6 Credits
Foreign Language	4 Credits
Physical Educ.	4 Credits
Electives	12 Credits
<i>TOTAL = 54 Credits</i>	
<i>1 Credit = 1 Semester</i>	

**Starting with the Class of 2019, students will be required to complete a financial literacy credit which will be fulfilled through several course options.*

II. TRANSITIONAL EDUCATION SERVICES

The Transition Education Services program at Milwaukee Lutheran High School provides assistance, as available, for students with a diagnosed disability or impairment affecting his or her ability to function independently within the school environment. The program offers a spectrum of services which include a modified core curriculum, resource study hall, reasonable classroom accommodations, and post-secondary planning. Students receive support and instruction that promotes self-advocacy, problem-solving, the development of compensatory skills, and classroom success. Students wishing to enroll in the Transition Program must provide current and past assessments indicating evidence of a disability or impairment, and a review of all educational records. A family interview with program staff may also be required. Admission to the program is limited.

COURSE OFFERINGS

Milwaukee Lutheran High School offers a high quality, comprehensive curriculum. Our academic courses are designed to meet the individual needs of each student as we prepare the student for a productive post-secondary experience. Students receive the opportunity to select appropriate courses from each department, which will challenge their ability and provide a well-rounded education. Because the master schedule is based on student interest, not all courses listed in this handbook may be offered every year.

PROGRAM PLANNING

Course program planning is a joint task among students, parents, and school personnel. The counselors will work closely with students in planning immediate and long-range course programs to best suit high school and post-high school plans. Course selections should also be carefully discussed at home. If students have questions regarding courses, they should feel free to discuss this with their teachers and counselors.

Listed below are the required courses for each grade level. Students should make careful choices consistent with their academic goals when selecting courses, especially electives. This will avoid unnecessary schedule changes.

Grade 9		Grade 10	
Freshman Religion	2 Credits	Sophomore Religion	2 Credits
English*	2 Credits	English	2 Credits
Mathematics*	2 Credits	Mathematics	2 Credits
Freshman Physical Education	1 Credit	Physical Education Elective	1 Credit
Lab Science or Biology*	2 Credits	Biology or Science Elective	2 Credits
World History	2 Credits	U.S. History I / II	2 Credits
Electives	3-5 Credits	Electives	1-5 Credits
Grade 11		Grade 12	
Junior Religion	2 Credits	Senior Religion	2 Credits
English	2 Credits	English	2 Credits
Mathematics	2 Credits	Physical Education Elective	1 Credit
Physical Education Elective	1 Credit	Social Studies	1-2 Credits
Science Electives	2 Credits	Electives	6-10 Credits
Social Studies	1-2 Credits		
Electives	1-6 Credits		

** These courses are assigned based on the results of the freshman placement test*

Colleges expect students to take the most rigorous coursework available to a student. While strong grades are important, avoiding a challenging course to “protect” a high GPA may actually hurt a student when applying for competitive colleges.

CREDIT LOAD

Students are required to be enrolled in a minimum of twelve credits a year (six credits each semester). A typical course load is fourteen to sixteen credits per year (seven or eight credits each semester). The principal may grant exemptions to these requirements for upperclassmen with special considerations. Early graduation is not a practice of Milwaukee Lutheran High School.

Credits awarded by previous schools may be accepted if they are included in the Milwaukee Lutheran curriculum and are deemed to be of sufficient level, length (minimally semester long), and quality (must be considered passing in our grading system; percentage grades will be converted to a letter grade according to the MLHS grade scale). Course work that is unique to a particular school or school system will not be accepted as a transfer credit.

SCHEDULE CHANGES

Students have a ten school day window of opportunity at the beginning of each semester to drop and add elective courses. The procedure requires written permission from a parent, a \$35 fee, and the signatures of the instructors of courses being dropped and added.

Schedule changes will only be considered for acceptable reasons including:

- Failure of a required or prerequisite course.
- Adding a course needed to graduate on time.
- Accommodating a medical condition.
- To balance class sizes.
- To provide an academic intervention or support.

Students may drop an elective course at the conclusion of the first six-week grading period without a grade penalty; however, only a study hall can be added to their schedule at that time. If a student wishes to drop a course after the six-week point, the grade given is a Withdrawal-F. The only exception is if the drop is recommended by the classroom teacher because the student is unable to successfully complete the work assigned due to a lack of ability in the subject matter.

COURSE AUDIT

If a student desires to audit a course, the signatures of his/her parent, the course instructor, and guidance counselor must be obtained by the student. All course audit agreements must be arranged at the beginning of a course (by the end of the first six-week grading period), **not** at the end of a course for purposes of avoiding an unacceptable grade. Advanced, Honors, and AP courses may not be audited.

The signatures constitute a contractual agreement by the student to comply with the following terms:

1. The student agrees to do all of the assigned work in the course, but not for a grade or credit.
2. The student agrees not to be an attendance problem (tardiness to class or missing class altogether).
3. The student agrees not to be a behavior problem in class.

ATTENDANCE FORFEITURE

Course credit will be forfeited following the seventeenth absence in a semester. In cases where extended absence is required for emergency reasons, the administration may waive the regulations on the forfeiture of credit. Documentation may be required to demonstrate the emergency reasons.

ACADEMIC EVALUATION

The standard recommended grading scale at Milwaukee Lutheran is as follows:

A	4.000	(94-100)	C+	2.333	(79-81)	D-	0.667	(64-66)
A-	3.666	(91-93)	C	2.000	(76-78)	E	0.000	(Credit received based upon effort)
B+	3.333	(88-90)	C-	1.667	(73-75)	F	0.000	(0-63)
B	3.000	(85-87)	D+	1.333	(70-72)			
B-	2.666	(82-84)	D	1.000	(67-69)			

Grades are based upon the student's cumulative performance over the course of the semester. Semester grades are the only grades which appear on a student's permanent transcript record.

Milwaukee Lutheran believes that appropriate and timely communication for both our students and their parents is essential to maximizing the potential of each student. Grades may be accessed at any time by students and parents using the online gradebook. Students and parents will be given access to separate online accounts. Parents will be emailed a *Progress Report* at the end of each six week period from each teacher. *Progress Reports* differ from a report card in that it lists all test, quiz, and project grades, as well as comments regarding the student's effort.

Report cards will be posted at the conclusion of the semester. Parents and students may access their report card within the online gradebook or requested through the guidance department.

INCOMPLETES

Teachers may assign an incomplete grade at the end of the semester for those students who have missed an extended amount of class time. Teachers should inform the student that an incomplete grade will be given and the requirements to receive a letter grade. Students will have three weeks after grades have been posted to fulfill the course obligations and a letter grade will be posted.

GRADE POINT AVERAGE

Semester grades are the only grades used in computing a student's grade point average (GPA). A student's GPA is calculated by dividing the total number of quality points by the number of courses taken. The cumulative GPA consists of grades received from all courses taken by the student.

ACADEMIC RECOGNITION

Students who earn a GPA of 3.50 and 4.00 for a semester will qualify for High Honor Roll. A GPA between 3.00 and 3.49 will qualify for Honor Roll.

REPEATING A COURSE

Students may retake a course to improve their grade but credit will only be awarded one time for taking the course. In this case, the original grade will be recorded as an audit (AUD on the transcript) and the new grade will be placed on the permanent transcript.

CREDIT RECOVERY

In the case where a student fails a course, credit recovery may be necessary. Listed below are credit recovery options for courses that have been failed.

1. Demonstration of Mastery of Retroactive Content

In certain courses, first semester credit can be recovered by demonstrating proficiency (defined as C- or better) during the second semester due to the sequential nature of the content. If the second semester grade falls below a C- at any point, MLHS reserves the right to remove the student from the course. This option is teacher initiated based upon performance toward the end of the first semester and includes a contract signed by the student, parents, and teacher. *This option is typically only available for courses in foreign language and mathematics.*

2. Repeating Courses

When a student requests to repeat a course due to a failing grade, he/she will be allowed to do so once. The student will be scheduled for the course on a space-available basis. Students who have not previously taken the course will be given priority when scheduling.

Teacher approval must be granted if circumstances arise where a student desires to retake a course that has already been successfully completed.

3. Milwaukee Lutheran Summer School

Summer school may be offered in English and/or Math. Students must follow directives concerning summer school attendance and performance in order to be granted credit.

English – Students who fail English for one or multiple semesters may be required to complete Summer School. The recovered credits will be added to a students' transcript.

Math – Students with a course grade of D or F in Pre-Algebra or Algebra may utilize this option to demonstrate content knowledge. Students who received an F and successfully complete the summer session will have the grade added to the transcript and the student will be able to progress to the next math course in sequence. For students who earned a D, after successful completion of the summer course, the course grade will be changed (this grade will not be changed to higher than a C+).

Physical Education – This is not a typical credit recovery option. This is an independent-study style program offered to students who may not be able to take all of the courses they would like to in their normal schedule. By completing summer PE, another period is available to take an additional course.

4. **Credit Recovery for Physical Education Due to Medical Condition**

If a student is unable to participate in physical education for greater than 30% of the semester due to a medical condition, the course must be repeated the next time it is offered.

5. **Alternative Credit Recovery**

Credits can also be earned by successfully completing a summer school program or online equivalency course through an accredited institution (Milwaukee Public Schools, Waukesha County Technical College, Keystone, American School, Brigham Young University, etc). In order for credits to be accepted through these institutions, approval must be granted by MLHS administration prior to the course being taken.

ADVANCED PLACEMENT / HONORS COURSES

Advanced Placement (A.P.) and Honors courses are designed to challenge students who excel in the classroom. Course requirements for A.P. courses are in excess of what might be expected from a normal advanced course. Students will be pushed intellectually to commit to excellence in preparation for what they will experience in a college classroom.

Enrollment in these courses is based on test scores and/or previous grades and an application to the instructor. Some upper-level course sections are offered as Advanced Placement courses which may lead to college credit as well as high school credit. The College Board administers a test each spring to determine if college credit can be granted to each student. In most circumstances college credit is awarded with a score of 3 to 5 on the AP test. Other scores may be considered based on the institution. Additional information on AP courses and exams may be found at www.collegeboard.com.

DUAL CREDIT COURSES

Dual credit courses enable students to earn college credits while in high school. The advantage of these courses is that the courses grant credit for successfully completing a course, unlike Advanced Placement credits which are based on passing a single, comprehensive exam. The high school credit is reflected on the Milwaukee Lutheran transcript. The college credit is awarded through the participating institution and can be transferred according to the transfer policies of the accepting institution. It is the institution receiving the credit that determines if the credit is accepted and how it is applied.

The following institutions offer options that are approved by Milwaukee Lutheran for dual credit. Students are responsible for any fees associated with these courses. See the counselors for information on available programs and courses, enrollment, and other policies.

WITHDRAWAL FROM MILWAUKEE LUTHERAN

In cases where a student is asked to or chooses to withdraw from Milwaukee Lutheran during a semester, paperwork must be completed with the Guidance secretary before any academic records are released to the student. If the paperwork is not completed and verification is received of transfer from another school, the student will be automatically withdrawn after 3 school days for internal purposes (enrollment figures, grades, etc.). Credit will not be granted for any uncompleted courses. At the discretion of administration, grades may be “frozen” which would award credit for any course currently being passed.

ACADEMIC SUPPORT

STRATEGIES FOR SCHOOL SUCCESS (AC 100)

Prerequisite: Department Approval

This course is designed to prepare incoming freshman for academic, social, and spiritual success at Milwaukee Lutheran High School. This course meets prior to the start of the school year and is by invitation only.

Elective	Credit	9	10	11	12
	1.0	X			

ALGEBRA SUPPORT (AC 220)

Prerequisite: Department Approval

This course is designed to help students be successful in freshmen algebra. Small class size allows teachers to work with students on Algebra course content as well as work to improve individual math skills. Students will take both Algebra and Algebra Support concurrently. This course is an independent grade of pass / fail.

Elective	Credit	9	10	11	12
	1.0	X			

ACT PREPARATION (AC 300)

This course is designed to help improve ACT test scores. Students will gain a better understanding of test content and format, testing strategies, and vocabulary. Formulas and equations will be reviewed, as will basic sentence structure and grammar. This course is designed for a student who falls into the average test score range.

Elective	Credit	9	10	11	12
	1.0			X	

ART

2-DIMENSIONAL ART (AR 110)

Students will have opportunities to learn drawing and painting skills including portrait, perspective, color theory, and painting techniques. Media used include drawing pencils, colored pencils, pen, marker, and tempera paint. (*Materials fee: \$20*)

Elective	Credit	9	10	11	12
	1.0	X	X	X	X

3-DIMENSIONAL ART (AR 115)

This course introduces students to 3-D design and building techniques of ceramics and sculpture. Use clay, wood, metal, plaster, and other materials to create sculptures, tiles, bowls, and reliefs. (*Materials fee: \$20*)

Elective	Credit	9	10	11	12
	1.0	X	X	X	X

DRAWING I (AR 210)

Prerequisite: C+ Grade or Better in AR 110

This course builds on the traditional drawing techniques and color theory taught in 2-D. Students will learn classic techniques for a still-life, portraits, etc. while learning contemporary skills like creating cartoons and manga. Students will use new media such as ink, charcoal, and pastel. (*Materials fee: \$20*)

Elective	Credit	9	10	11	12
	1.0		X	X	X

ILLUSTRATION & SEQUENTIAL ART (AR 213)

Prerequisite: C+ Grade or Better in AR 110 & AR 210

This course combines drawing techniques, creativity, and digital technology to create cartoons, comics, manga, and illustrations. Students will focus on problem solving, communicating messages, and telling stories through story book illustration, article illustration, and product & poster illustration. (*Material fee: \$10*)

Elective	Credit	9	10	11	12
	1.0		X	X	X

DRAWING II (AR 215)

Prerequisite: C+ Grade or Better in AR 110 & AR 210

This course includes concepts of the traditional drawing, while also focusing on illustration, commercial art, and creative expression. Students will build on previous skills from 2-D and Drawing I to learn advanced media and to take on new challenges like figure drawing and book / album cover illustration. (*Materials fee: \$20*)

Elective	Credit	9	10	11	12
	1.0			X	X

PAINTING I (AR 220)

Prerequisite: C+ Grade or Better in AR 110

This course includes concepts of the traditional painting discipline while building on the painting techniques and color theory taught in 2D. Students will be working in acrylic and watercolor while learning classic techniques along with a few modern approaches. (*Material fee: \$35*)

Elective	Credit	9	10	11	12
	1.0		X	X	X

PAINTING II (AR 225)

Prerequisite: C+ Grade or Better in AR 110 & AR 220

Advanced work with acrylic will be done as well as experimenting with non-traditional painting tools and methods. Focus on creative expression, experimentation, and creating an identity through paint. (*Materials Fee: \$35*)

Elective	Credit	9	10	11	12
	1.0		X	X	X

CERAMICS I (AR 230)**Prerequisite: C+ Grade or Better in AR 115**

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

Students learn various skills of creating and decorating clay objects. Several hand building and potter's wheel techniques are explored. Construct and glaze sculptures, tiles, cups, bowls, lid pots, and other projects. Then, take your work home and use it!
(Materials fee: \$25)

CERAMICS II (AR 235)**Prerequisite: C+ Grade or Better in AR 115 & AR 230**

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

Advanced Ceramics studio in which students complete five major projects using skills and concepts learned in Ceramics I. Additional hand building and potter's wheel techniques are explored. Make handles, lids, big pots, sculptures, pitchers, sets of dishes, and teapots!
(Materials fee: \$25)

STUDIO ART 1 (AR 320)**Prerequisite: 3 Semesters of Art and Department Approval**

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

Students enhance their art skills through their choice of advanced drawing, painting, graphic design, ceramic or sculpture focusing on creating a cohesive portfolio. The majority of this course is student driven where the students are working on expanding their existing abilities. (Materials fee: \$20)

STUDIO ART 2 (AR 330)**Prerequisite: Studio Art 1 and Department Approval**

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

Students will continue to enhance their art skills – building on concepts and skills from the Studio Art 1. Using a variety of media, students will develop creative solutions to projects involving brand identity, visual expression, and expanding an aesthetic style. Students will continue to build a comprehensive personal portfolio. (Materials fee: \$20)

BUSINESS EDUCATION

BUSINESS ESSENTIALS (BU 110)

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X		

This course is designed to acquaint the student with the American business system as a part of our total economic environment. Topics studies will include: The nature of the American business, business and the consumer, starting a business, and keyboarding basics. The course will be broken down into three 6 week units: Basic Business, Keyboarding, and Starting a Business.

COMPUTER APPLICATIONS I (BU 130)

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

This course is designed for beginning students who already know the keyboard and have an introductory knowledge of Word, Excel and Power Point. Students develop increasing skill levels in keyboarding speed and accuracy and will continue to expand their knowledge of word processing, producing both personal and business documents, spreadsheets, database management and presentation and graphics. The course is applicable to students for both personal and vocational use.

COMPUTER APPLICATIONS II (BU 220)**Prerequisite: BU 120 & BU 130**

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

This course is designed for beginning students who already know the keyboard and have an introductory knowledge of Word, Excel and Power Point. Students develop increasing skill levels in keyboarding speed and accuracy and will continue to expand their knowledge of word processing, producing both personal and business documents, spreadsheets, database management and presentation and graphics. The course is applicable to students for both personal and vocational use.

ACCOUNTING I (BU 310)**Prerequisite: MA 160**

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

Accounting is a course intended for all students--for those intending to explore the field as a career, for those going into other occupations in the business world and for those who want to learn record keeping for personal use. This course introduces the students to double-entry bookkeeping.

ACCOUNTING II (BU 320)**Prerequisite: MA 160 & BU 310**

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

Accounting is a course intended for all students--for those intending to explore the field as a career, for those going into other occupations in the business world and for those who want to learn record keeping for personal use. This course introduces special problems associated with bookkeeping, payroll record keeping, automated bookkeeping and income tax.

PERSONAL FINANCE (BU 350)**Prerequisite: MA 160**

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

Personal finance helps the student learn how to deal with professional marketers and how to make more satisfying decisions regarding the many problems they will face as a consumer. The student learns about these many consumer problems through lectures in class, reading interviews with businessmen, education simulations and role-playing. Major units include budgeting use of credit, investments and insurance. Several simulations included in the course will involve the use of the internet and software that the student could adapt to his/her own personal needs now or at some time in the future.

BUSINESS ENTREPRENEURSHIP & MARKETING (BU 360)**Prerequisite: BU 110, BU 120 or BU 130, & BU 310**

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

During the first half of the course, students will be introduced to the exciting world of creating and owning their own business. The four P's of marketing will be the focus. The second half of the course will focus on the sports and entertainment industry. Students will have a behind the scenes view of marketing in these industries.

MEDIA PRODUCTION AND ANALYSIS (BU 380)

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

This course will focus on the fundamentals of video production. Simple techniques – including shooting and editing will be emphasized. The main focus will be “hands-on” digital video production. There will also be an emphasis involving sports statistics as it relates to MLHS athletics. Students will use MLHS sporting events, drama productions, and music performances as the subject of content.

YEARBOOK (BU 450)**Prerequisite: DS 100**

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

This course is designed for students who wish to learn the basics of yearbook production. It covers the roles of staff members, mechanics, and skills used in financing a yearbook, yearbook journalism, yearbook photography, planning and producing pages, and preparation of a yearbook for final printing.

DESIGN EDUCATION

DESIGN SURVEY (DS 100)

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

This is an entry level course surveying the basics of Design including: Interactive Web and Game Design, Graphic Design, Digital Photography, and Animation. Students learn basic computer skills and habits, build online portfolios, and explore careers in design. This course is a prerequisite for all other design courses and yearbook.

GRAPHIC DESIGN (DS 200)**Prerequisite: C+ Grade or Better in DS 100**

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

Explore the power of graphic design as communication and expression. Discover the impact, principles, and components of Advertising, Packaging, Logos, Posters, Greeting Cards, and more! Create an online portfolio and design projects for our school community.

DIGITAL PHOTOGRAPHY (DS 215)**Prerequisite: C+ Grade or Better in DS 100**

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

Learn how to take and make great photos. Discover composition concepts and camera techniques to make your photos great. Add meaning and expression to your photos. Consider elements such as subject matter lighting, background, and file format. Learn to creatively and successfully manipulate your photos using Photoshop. Experience the skills of studio photography and discernment of managing an online portfolio. A digital camera is required for this course. A limited supply of cameras is available on short term loan.

INTERACTIVE WEB AND GAME DESIGN (DS 220)**Next Offered: 2017-2018 & 2019-2020****Prerequisite: C+ Grade or Better in DS 100**

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

Design and create interactive games for computers and mobile devices! Add simple animation, media and interactivity to web pages. Learn what it takes to plan and produce simple quizzes, strategy games, and even time-based action games! Design projects for the school community and create a personal online portfolio.

HOUSING AND INTERIOR DECORATION (DS 225)**Prerequisite: C+ Grade or Better in DS 100**

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

This course covers the selections, purchase, and care of housing and home furnishings as well as the basic principles used in interior decoration. The course will include a study of house styles, the costs of housing, the relationship and use of color, texture, and line in furniture selection, and the choice of accessories for the home. The students will interpret their ideas on paper in designing, furnishing and decorating a house.

ANIMATION (DS 230)*Next Offered: 2016-2017 & 2018-2019***Prerequisite: C+ Grade or Better in DS 100**

Create animations through simple photography and computer design. Create animations in pen-and-paper, Stop-motion, Adobe Flash, photo-manipulation, and more! Learn the skills of planning, producing, directing, developing characters, designing environments, narrating, writing dialogue, lip syncing, and managing post-production work for individual and cooperative animated productions.

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

DESIGN STUDIO (DS 300)**Prerequisite: DS 100 & One 200 Level Design Course**

Using knowledge and skills gained in other design courses, students will Design and Create several independent and varied projects. Service-oriented projects for the school and community will be included. Portfolio development is emphasized. This course may be taken more than once.

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

ENGLISH

8 Credits Required

English course selection can be constructed in the following manner:			
FRESHMEN	SOPHOMORE	JUNIOR	SENIOR
Applied English ⇒	English I ⇒	English II ⇒	English Electives
English I ⇒	English II ⇒	English Electives ⇒	A.P. English or English Electives
Honors English I ⇒	Honors English II ⇒	English Electives ⇒	A.P. English or English Electives

APPLIED ENGLISH (EN 100)

<i>Required</i>	Credit	9	10	11	12
	2.0	X			

Emphasis is on basic writing, reading and organizational skills. The basics of grammar and usage will also be examined. After this full year course, the students will have the skills to begin further study of the English language in the higher level English courses provided at Milwaukee Lutheran High School.

READING STRATEGIES (EN 105)

<i>Required</i>	Credit	9	10	11	12
	1.0	X			

This course is designed to help students who enter Milwaukee Lutheran with lower reading scores. Lessons will emphasize reading strategies that lead to greater comprehension. This course is taken in conjunction with Applied English or English I.

ENGLISH I (EN 110)

<i>Required</i>	Credit	9	10	11	12
	2.0	X			

The integration of reading, writing and human communications skills is the focus of this course. Students will be introduced to the study of standard formal grammar, mechanics and usage, and will be encouraged to use this as the basis for all communication. The basic elements of oral communication will also be introduced and explored. After completion of this course, students will have the necessary skills to begin further study in English and in all areas of the curriculum that require the standard use of the English language.

HONORS ENGLISH I (EN 120)**Prerequisite: Department Approval**

<i>Required</i>	Credit	9	10	11	12
	2.0	X			

This course is designed for those students whose skills, background and interest in English are above average. The readings and responses are more advanced and challenging, and the pace of the course will be faster. Students will read several novels which will become the basis from which the other skills are explored. In order to be eligible for this course, students must do well on the placement test given the preceding spring.

ENGLISH II (EN 210)**Prerequisite: EN 110**

<i>Required</i>	Credit	9	10	11	12
	2.0		X	X	

This course will provide students the opportunity to explore American Literature through various genre', and analyze and react through writing and oral presentations. Emphasis will be put on further developing the understanding of oral communication and strategies of presentation. There will be a review of punctuation, agreement and usage and a research project/presentation will be the culmination of this course.

HONORS ENGLISH II (EN 220)*Prerequisite: Department Approval*

<i>Required</i>	Credit	9	10	11	12
	2.0		X		

This course is the continuation of Enrichment English I and is considered an advanced English II. This course will require a higher level of thinking and a faster pace as students explore American Literature through various genre'. The American Novel will also be explored and oral communications and presentations will be expanded. As in English II a research project/presentation will be the culminating performance. In order to be eligible for this course, students will take a department sponsored test during the preceding spring.

DRAMA LITERATURE & TECH. (EN 300)*Prerequisite: EN 210 or 220*

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

This semester course will provide students the opportunity to study drama as a literary genre, participate in individual and group dramatic presentations, and gain experience in play reading. The course will read and study various classical plays, view other theatrical productions, and learn basic techniques of the stage.

WORLD LITERATURE (EN 330)*Prerequisite: EN 210 or EN 220*

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

Non-American literary sources will be read and studied during this survey, one semester course. Emphasis will be placed on older classical pieces of literature with units on non-Western literature, Ancient Greece, European Middle Ages, and contemporary short stories. Students will also work to improve their vocabulary.

MODERN FICTION (EN 350)*Prerequisite: EN 210 or EN 220*

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

This course examines the themes found in the short stories, novels, and films that have been produced from the 1940's through the present. Works are studied for content and technique, as well as for worldview; comparison to and contrast with other works of fiction will also be discussed. In addition, each work will be examined in relation to the time period in which it was produced, as well as its relevance to contemporary society.

WRITING WORKSHOP (EN 360)*Prerequisite: EN 210 or EN 220*

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

RECOMMENDED FOR COLLEGE BOUND STUDENTS

The emphasis in this course is writing, and students will write weekly in various genre' and for various purposes. Students will recognize writing as an extension of thinking and shaping ideas. The process of writing - from prewriting/conceptualization to self and peer editing - will be emphasized to improve the students' writing abilities. A weekly review of a mechanical, grammatical or usage guideline will be given. This course is recommended for all college bound students.

MULTICULTURAL/ETHNIC LITERATURE (EN 380)*Prerequisite: EN 210 or EN 220*

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

Yo, Ca Pasa, Ja, Tojo. Students will explore specific ethnic/cultural literature across different genres. They will compare and contrast different cultural/ethnic heritages and respond through writing and orally. In this course students will reflect on their own heritage and identity as Christians and as people of a culture/ethnicity.

INTERPRETATION & PERSUASION (EN 400)*Prerequisite: EN 210 or EN 220*

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

This one semester course will focus on oral presentation. Included will be oral interpretations of poetry, famous speeches/soliloquies, and classic literature selections; there will be a unit on forensics and the art of argumentation, and there will a unit on the possibilities of power point presentations. The focus will be on the oral presentation; however, interpretation, tone, body language, logic, persuasion, and composition will also be emphasized.

A.P. ENGLISH LITERATURE (EN 510)*Prerequisite: EN 330 & Department Approval*

<i>Elective</i>	Credit	9	10	11	12
	1.0				X

This course provides a college-level, college-format course involving in-depth reading of various genres of literature. The texts are studied in their cultural, historical, and sociological contexts, with emphasis on theme, tone, structure, style, and methods of character development. Students are encouraged to form and share their own opinions and to support them with viable evidence from the texts, considering the social and historical values it reflects and embodies. Through experiencing, interpreting, and evaluating the literature, students will fully grasp the literary merit of the text. The goal of this course is to prepare students to both succeed on the AP Exam and to write effective, college-level essays. (*Limited enrollment.*)

A.P. ENGLISH LANGUAGE (EN 550)*Prerequisite: Department Approval*

<i>Elective</i>	Credit	9	10	11	12
	1.0				X

A.P. English is a college-level English course that often takes more time, requires more work, and gives greater opportunity for individual accomplishment than a regular high school English course. It is expected that students who select this course are serious about taking the A.P. exam, seeking college credit and/or placement. (*Limited enrollment.*)

FOREIGN LANGUAGE

SPANISH I (FL 110)

Prerequisite: Strong Score on English Placement Exam or 2.5 GPA in High School English Courses

<i>Elective</i>	Credit	9	10	11	12
	2.0	X	X	X	

This course gives students the opportunity to learn the mechanics of basic Spanish, which includes gaining proficiency in speaking, listening, reading, and writing. Grammatical concepts are also covered in order to understand the language better. Various cultural topics are discussed and presented through videos, CD-rom and Internet resources. Knowledge of English grammar is needed.

SPANISH II (FL 210)

Prerequisite: FL 110 with C or better

<i>Elective</i>	Credit	9	10	11	12
	2.0	X	X	X	X

This course continues to build on the abilities learned in Spanish I with increasing proficiency in speaking, listening, reading, and writing. There is a review of Spanish I material as well as further explanations of grammar so that the language can be used in more challenging ways. Students also gain additional insights into culture through various presentations, projects, and videos

SPANISH III (FL 310)

Prerequisite: FL 210 with C or better

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

Spanish III offers a comprehensive review of grammar and vocabulary skills learned in Spanish I and II. More tenses and vocabulary are taught throughout the year. Oral skills are emphasized.

SPANISH IV (FL 410)

Prerequisite: FL 310 with C or better

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

Spanish III offers a comprehensive review of grammar and vocabulary skills. Short story and poetry reading is required.

A.P. SPANISH (FL 550)

Prerequisite: FL 310 with C or better

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

This course provides the qualified Spanish student the opportunity to earn college credit and/or placement by a successful performance on the A.P. exam. Course material and content is consistent with college level instruction.

LATIN I (FL 130)

Prerequisite: Strong Score on English Placement Exam or 2.5 GPA in High School English Courses

<i>Elective</i>	Credit	9	10	11	12
	2.0	X	X	X	

The students acquire vocabulary (about 650 basic Latin words) and grammar skills to translate simple Latin by the end of the first year. The students also become familiar with various facets of Roman daily life, history, mythology, and literature. Additional benefits are increased knowledge and skill in the use of the English language through the study of intonation, morphemes, cognates, and syntax.

LATIN II (FL 230)

Prerequisite: FL 130 with C or better

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

After a review of first-year grammar, Latin II students will increase their familiarity with basic grammatical constructions, possess a considerable vocabulary of Latin words (an additional 500 words), recognize the meaning of English words derived from Latin, and be able to translate Latin of moderate difficulty. The students will deepen their understanding of world history through translating selections from Roman historians, Caesar and Cicero, and recognize the unchanging quality of human nature displayed in Roman history and culture and in our own civilization.

LATIN III-IV (FL 330-FL 430)

Prerequisite: FL 230 with C or better

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

After a thorough review of Latin grammar, students will increase their ability to translate fluently passages from Latin literature. Latin III authors are Cicero, Pliny, Livy, Sallust, and Tacitus. Latin IV authors are Cicero, Pliny, Vergil, Ovid, and Juvenal. The students will operate with advanced grammatical constructions, comprehend and apply various literary and rhetorical devices, and predict new Latin and English word meanings by deciphering and combining Latin prefixes, roots, and suffixes.

MATHEMATICS

6 Credits Required

Math course selection can be constructed in the following manner:						
FRESHMEN		SOPHOMORE		JUNIOR		SENIOR
Algebra	⇒	Geometry	⇒	Adv. Algebra Trig.	⇒	Pre-Calculus or Prob. and Stats
Acc. Algebra	⇒	Acc. Geometry	⇒	Honors Adv. Algebra Trig.	⇒	A.P. Calculus AB or Prob. and Stats
Geometry	⇒	Adv. Algebra Trig.	⇒	Pre-Calculus	⇒	A.P. Calculus AB or Prob. and Stats
Acc. Geometry	⇒	Honors Adv. Algebra Trig.	⇒	A.P. Calculus AB	⇒	A.P. Calculus BC or Prob. and Stats

ALGEBRA (MA 160)

<i>Required</i>	Credit	9	10	11	12
	2.0	X	X	X	X

The course consists of a thorough introduction to the algebra of real numbers. It emphasizes practical problem solving along with abstract algebraic processes. Acquiring a formal mathematical vocabulary is an integral part of the course. An introduction to probability, statistics and use of a scientific calculator is included in this course. A scientific calculator is required.

ACCELERATED ALGEBRA (MA 170)

Prerequisite: Department Approval

<i>Required</i>	Credit	9	10	11	12
	2.0	X			

This course is designed for students who have been exposed to basic Algebra topics. It includes all of the concepts listed for Algebra. Students must qualify for this course through a department-sponsored test. A scientific calculator is required.

GEOMETRY (MA 210)

Prerequisite: MA 160 or Equivalent

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

This course studies plane geometry, including basic terminology, symbols and relationships of points, lines, rays, segments, angles, polygons, and circles. Basic logic skills are developed and applications of algebra to geometric concepts are emphasized. A scientific calculator is required.

ACCELERATED GEOMETRY (MA 220)

Prerequisite: B- or better in MA 170 and Department Approval

<i>Required</i>	Credit	9	10	11	12
	2.0	X	X		

This course includes all of the concepts listed for Geometry. In addition, three-dimensional topics are explored and formal proofs are emphasized. A scientific calculator is required.

INTERMEDIATE MATHEMATICS (MA 250)

Prerequisite: Guidance and Department Approval

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

This course is designed for the student who has completed Algebra and Geometry but would benefit from a review of topics before taking Advanced Algebra with Trigonometry. Topics to be covered include the major concepts of both Algebra and Geometry. This is not a **core** mathematics course. A scientific calculator is required.

ADVANCED ALGEBRA TRIG (MA 350)

Prerequisite: MA 210 or MA 220 & C or better in all MA 150-MA 220 Courses Taken

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

This course is designed to prepare students to use advanced algebraic skills and concepts in mathematics and other related disciplines. It includes a study of linear, quadratic, polynomial, trigonometric, and logarithmic functions. A graphing calculator is required.

HONORS ADVANCED ALGEBRA TRIG (MA 360)

Prerequisite: B- or better in MA 220 & all lower math courses & Department Approval

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

This course is designed for the highly gifted mathematics student. It is a continuation of first-year algebra and stresses the function concept, analytic geometry, and trigonometry. Algebraic skills, as well as the structure of mathematics, are stressed. A graphing calculator is required.

PROBABILITY AND STATISTICS (MA 400)

Prerequisite: MA 350 or MA 360 & B- in all lower math courses

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

This course is designed as a background to college mathematics and science courses by covering various topics related to higher level thinking skills. Topics covered include combinatorics, probability, statistics, logic and game theory. A graphing calculator is required.

PRE-CALCULUS AB (MA 410)

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

Prerequisite: B- or better in MA 350 or MA 360 & all lower math courses

This course is a preparation for Calculus. It includes the study of algebra, trigonometry, relations, conic sections, matrices, probability, limits and complex numbers with an emphasis in graphing functions. A graphing calculator is required.

HONORS PROBABILITY & STATISTICS (MA 450)

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

Prerequisite: B- or better in MA 360 or MA 410 & all lower math courses

This honors course will offer an intense and in-depth study of statistics specifically designed for the serious math student. A graphing calculator is required (TI-84 recommended). Four broad themes will be explored: Exploring Data, Planning a Study, Anticipating Patterns in Advance, and Statistical Inference. This course may provide opportunity for students to attempt to earn college credit and/or placement from a college by scoring appropriately on the national A.P. examination given annually in early May.

A.P. CALCULUS AB (MA 550)

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

Prerequisite: B- or better in MA 360 or MA 410, & all lower math courses, & Department Approval

An Advanced Placement (A.P.) course consists of a full academic year of work in calculus and related topics comparable in scope to one semester of the traditional college calculus course sequence. Students who take an A.P. course can seek college credit and/or placement from institutions of higher learning through the national A.P. examination. A graphing calculator is required. (*Limited enrollment.*)

A.P. CALCULUS BC (MA 575)

<i>Elective</i>	Credit	9	10	11	12
	2.0				X

Prerequisite: B- or better in MA 550, & all lower math courses, & Department Approval

This Advanced Placement (A.P.) course consists of a full academic year of work in calculus and related topics comparable in scope to two semesters of the traditional college calculus course sequence. Students who take an A.P. course can seek college credit and/or placement from institutions of higher learning through the national A.P. examination. A graphing calculator is required. (*Limited enrollment.*)

MUSIC

WOMEN'S CHORUS (MU 110)

<i>Elective</i>	Credit	9	10	11	12
	2.0	X	X	X	X

Prerequisite: Audition

This beginning choir of female voices will be exposed to and perform music from many different periods of history. Work on vocal technique, sight-reading skills, and theory will be stressed. Required performances may include, but are not limited to, the Christmas concert, spring concert, and Fine Arts Concert.

MEN'S CHORUS (MU 115)

<i>Elective</i>	Credit	9	10	11	12
	2.0	X	X	X	X

Prerequisite: Audition

This beginning choir of male voices will be exposed to and perform music from many different periods of history. Work on vocal technique, sight-reading skills, and theory will be stressed. Required performances may include, but are not limited to, the Christmas concert, spring concert and Fine Arts Concert.

JUBILEE CHOIR (MU 310)

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

Prerequisite: MU 100 or MU 115 or MU 190 and/or Audition

This advanced choir of mixed voices will be exposed to and perform music from the twentieth century primarily focusing on worship, gospel, and praise music. Continued work on vocal techniques, sight-reading skills, and theory is included. Required performances may include, but are not limited to, the Christmas concert, spring concert, and Fine Arts Concert, chapel services, Lutheran High Sundays, tour performances, and any other performances if given at least one month's notice.

BEL CANTO CHOIR (MU 410)

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

Prerequisite: MU 100 or MU 115 or MU 190 and/or Audition

This advanced choir of select voices will be exposed to and perform music from many different periods of history. Continued work on vocal techniques, sight-reading skills, and theory is included. Required performances may include, but are not limited to, the Christmas concert, spring concert, and Fine Arts Concert, chapel services, Lutheran High Sundays, tour performances, and any other performances if given at least one month's notice.

RED KNIGHT BAND (MU 120)

<i>Elective</i>	Credit	9	10	11	12
	2.0	X	X	X	X

Prerequisite: Department Approval

Red Knight Band is designed for students with little or no experience in a concert band setting. Emphasis is placed on reading music, rhythms, notes, and how music is put together. The band performs at concerts throughout the year. Successful completion of this course will result in the student being ready for Concert Band (MU130). Students can choose flute, clarinet, saxophone, trumpet, or trombone. Other instrument can be switched to in future years.

CONCERT BAND (MU 130)*Prerequisite: Department Approval***A \$10.00 uniform rental is required and a \$25.00 fee for percussionists.**

Through rehearsal and performance of basic music skills, the student has the opportunity to broaden his appreciation and understanding of all types of music and skills required to perform in musical organizations. Emphasis is placed upon developing enough skill on the individual instruments to perform at an average high school level. Exercises in technique, dynamics, articulation, and tone production are used every day in preparation for improving skills. The band performs during marching season at football games, parades, and various community and statewide events. During the concert season, the band performs at three major concerts, various music contests, and community events.

<i>Elective</i>	Credit	9	10	11	12
	2.0	X	X	X	X

SYMPHONIC BAND (MU 150)*Prerequisite: Audition, Department Approval***A \$10.00 uniform rental is required and a \$25.00 fee for percussionists.**

Through rehearsal and performance of superior music skills, the student has the opportunity to excel and expand his knowledge and appreciation of all types and varieties of music. Emphasis is placed on different styles of music and different skills involved in the performance of these styles of music. Exercises in technique, dynamics, and articulation are used every day in preparation for performance of difficult music. The band performs during the marching season at football games, parades, and various community and statewide events. During the concert season, the band performs at three major concerts, various music competitions, and community events.

<i>Elective</i>	Credit	9	10	11	12
	2.0	X	X	X	X

JAZZ BAND (MU 170)*Prerequisite: Audition, Department Approval, & Enrollment in MU 130*

Through rehearsal and performance of basic jazz music skills, the student has the opportunity to broaden his appreciation and understanding of different types and varieties of jazz music. Emphasis is placed on performing different types of Big Band music and the different skills involved in performing these types of music. Attention is placed on sight-reading and improvisation. The jazz band performs at pep band performances, contests, and a variety of community events.

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

PHYSICAL EDUCATION

4 Credits Required

FRESHMAN GIRL'S PHYSICAL EDUCATION (PE 110)

<i>Required</i>	Credit	9	10	11	12
	1.0	X			

The emphasis in girl's physical education on the freshman level is on weight training, fitness, team building through the use of the ropes course, and the fundamentals of physical education as learned through participation in mostly individual sports.

FRESHMAN BOY'S PHYSICAL EDUCATION (PE 120)

<i>Required</i>	Credit	9	10	11	12
	1.0	X			

The emphasis in boy's physical education on the freshman level is on weight training, fitness, team building through the use of the ropes course, and the fundamentals of physical education as learned through participation in mostly individual sports.

BEGINNING SWIM (PE 230)*Prerequisite: PE 110/120*

This class is intended for the new swimmer who wants to learn how to swim. Red Cross levels 1 through 3 will be emphasized along with snorkeling. Skills will focus on strokes, kicks, turning, floating, and treading water.

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

HEALTH (PE 240)

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

This class is meant to teach students ways to make healthy decisions in all areas of their lives. The behavioral, mental, emotional and spiritual welfare of teenagers will be focused on in areas like managing stress, mental and emotional problems, healthy relationships, resolving conflicts, nutrition and weight control, alcohol, and drugs, and sexually transmitted diseases.

LIFETIME AND OUTDOOR ACTIVITIES (PE 250)*Prerequisite: PE 110/120*

This class will focus on activities that are focused on personal and individualized athletic improvement. Activities include self-defense, walking and jogging, various aerobic routines, golf, archery, and badminton.

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

STRENGTH AND CONDITIONING (PE 260)*Prerequisite: PE 110/120*

This class is geared toward students interested in personalized weight lifting goals or lifting for strength and speed for athletics. The majority of class time will be spent in the weight room. Cardiovascular and speed training will balance time spent strength training. Traditional sports will be played occasion.

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

TEAM SPORTS (PE 270)*Prerequisite: PE 110/120*

This course will feature traditional units such as flag football, soccer, volleyball, eclipse ball, floor hockey, badminton, water polo, and team handball. The class is geared toward students who enjoy the competitive nature of team sports and the opportunity to learn the value of teamwork and responsibility.

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

PHYSICAL EDUCATION LEADERSHIP (PE 400/401)*Prerequisite: Instructor Approval*

This course is designed to equip the student with the skills of leadership through Physical Education. Students will work on peer leadership by assisting the PE instructor with PE I or PE II classes. This course may be taken in place of PE IV when three previous semesters have been successfully completed. (*Limited Enrollment*)

<i>Elective</i>	Credit	9	10	11	12
	1.0				X

SUMMER PHYSICAL EDUCATION (PE 500)*Prerequisite: 3.0 Cumulative GPA, Must Carry 16 Credits during the**School year, Instructor Approval, Fee of \$175*

Summer P.E. is a course designed to accommodate students who are not able to schedule all the classes they need or want in their schedule. This course is also only available to high achieving students. Students are expected to complete and document 60 hours of physical activity. The log/folders and mandatory evaluation days scheduled throughout the summer is the basis for assessment. (*Limited Enrollment*)

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

RELIGION

8 Credits Required

CHRISTIAN FAITH (RE 100)

<i>Required*</i>	Credit	9	10	11	12
	1.0	X			

*This course serves as an introduction to the Christian for students wishing to develop a deeper understanding of concepts like the Bible, God, Creation, Man and Sin, Redemption, and Faith in Christ before pursuing a further study of the courses offered in the Religion Department. Students who meet this description will take this course before taking other coursework in the department. Otherwise, students will proceed to Freshman Religion.

FRESHMAN RELIGION (RE 110)

<i>Required</i>	Credit	9	10	11	12
	2.0	X			

This course pursues a chronological study of the Old Testament. There is a clear emphasis on Christian Worldview, and support for the reliability and infallibility of the Bible right from creation. The faith and lives of the people of the O.T. are studied to provide the student with a deeper understanding of their own day-to-day relationship with God. Special emphasis is placed on the Messianic prophecies and their fulfillment in Jesus Christ.

SOPHOMORE RELIGION (RE 210)

<i>Required</i>	Credit	9	10	11	12
	2.0		X		

This course focuses on the life of Christ as portrayed in the four Gospels with an emphasis on its impact on the personal life of the student. Time is also spent on understanding the Church as God's mission as shown in the book of Acts and helping the student to understand the Church and themselves in light of the Christian past.

JUNIOR RELIGION (RE 310)

<i>Required</i>	Credit	9	10	11	12
	2.0			X	

This course centers on the deep truths taught in the book of Romans. There is a focus on the Holy Spirit with His power to change our lives that are poured out through the pure power of the Gospel. Time is also spent dealing with practical challenges of Christian living presented in Paul's letter of 1 Corinthians. Proper scripture interpretation principles and support for the authenticity and faithfulness of the Bible are taught. Students engage in praying, sharing and confidently defending their faith against the wickedness of the World.

SENIOR RELIGION (RE 410/415)

<i>Required</i>	Credit	9	10	11	12
	2.0				X

This course helps seniors explain why Christianity is true as well as helping students grasp the various worldviews that permeate our culture. It analyzes different understandings of truth, reality, and how people should live. The course also includes a systematic study of James through Revelation, emphasizing relevant issues and current events that relate to these books. There is also careful preparation of students getting ready for the challenges of college.

MARRIAGE & FAMILY RELATIONSHIPS (RE 420)

<i>Elective</i>	Credit	9	10	11	12
	1.0				X

This course covers a Christian understanding of the value of marriage in the culture of American society. The course is designed for students to see why God's design for marriage is best for the individual, couple, family and society. Class work and discussion are designed to give a basic understanding of personal relationships, communication skills, the importance of faith, finances and parenting within a Christian marriage.

JOYFUL NOISE (RE 430)

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

Joyful Noise is a student-led worship band that will perform regularly for chapel and other school-sponsored events. This audition-based course will examine worship arts, music composition, current music software and technologies, and performance. Emphasis will be on both performance and examination of lyrical/structural content.

SCIENCE

6 Credits Required

Science course selection can be constructed in the following manner:						
FRESHMEN		SOPHOMORE		JUNIOR		SENIOR
Introductory Lab Science	⇒	Biology	⇒	Earth in Space/The Dynamic Earth, Chemistry, or Physics	⇒	Earth in Space/The Dynamic Earth, Chemistry, or Physics
Biology	⇒	Chemistry	⇒	Physics or Science Electives	⇒	Science Electives, Honors, or A.P. Physics

INTRODUCTORY LAB SCIENCE (SC 110)

<i>Required</i>	Credit	9	10	11	12
	2.0	X			

This course is designed to give a well-rounded understanding of the basic principles and processes in each of the major fields of science. Special emphasis will be placed on the skills necessary to the effective study of science such as: measurement, metric system, graphing, microscopy, scientific method, basic laboratory skills, data interpretation and writing the laboratory report. After successful completion of this course, the student should be well prepared for taking other department courses.

BIOLOGY (SC 210)

<i>Required</i>	Credit	9	10	11	12
	2.0	X	X	X	X

Prerequisite: Concurrently taking MA 160 or higher

The course will cover all major fields in biology; the units of study include botany, cytology, genetics, bioethics, human anatomy and physiology, creation and evolution, and zoology. The course is taught from a creation perspective. A variety of learning strategies is utilized including lecture, reading, independent research, video and computer presentation and an extensive use of hands on laboratory investigations.

EARTH IN SPACE (SC 310)

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

Prerequisite: SC 210 and MA 160 or higher

Students will investigate the nature of Earth Science and inquiry, ecology, astronomy, time, seasons, mapping, and meteorology. Teaching methodologies include lecture, video presentation and laboratory investigation.

THE DYNAMIC EARTH (SC 320)

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

Prerequisite: SC 210 and MA 160 or higher

Students will investigate topography, watersheds, geology, plate tectonics, volcanoes, and earthquakes. Teaching methodologies include lecture, video presentation and laboratory investigation.

CHEMISTRY (SC 330)

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

Prerequisite: SC 210 and concurrently taking MA 210 or higher

Students in chemistry study the composition of matter and its changes. This includes the structure of the atom, chemical bonding, chemical reactions, and the states of matter. The skills and techniques of laboratory investigation, observation and analysis are emphasized.

PHYSICS (SC 350)

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

Prerequisite: SC 210 and concurrently taking MA 210 or higher

Students in this course will study in the following areas: mechanics, thermodynamics, wave motion phenomena and its relation to sound and light, electricity, modern physics. Lab work is required.

INTRODUCTION TO FORENSIC SCIENCE (SC 360)**Prerequisite: SC 210**

Students will learn the methodology needed to evaluate a crime scene, the proper lab mechanics needed to evaluate evidence, and how to compare between a known and unknown. Students will learn how DNA, fingerprinting, and other forensic tests can be used to solve a crime. The learning strategies used will include lecture, labs, research, activities, and videos.

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

BIOLOGY HONORS – ANATOMY AND PHYSIOLOGY (SC 400)**Prerequisite: Department Honors Application, SC 210, and has taken or is concurrently taking SC 330 and SC 350.**

Students will build on information learned in biology and focus specifically on human anatomy and physiology. Through lecture, lab, and activities, students will review human anatomy and increase their knowledge in how the human body works. They will learn language of anatomy and increase knowledge of the chemical, cellular, and tissue level of organisms before beginning some body systems. This course is beneficial for those taking anatomy in college. (*Limited enrollment.*)

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

BIOLOGY HONORS – MICROBIOLOGY (SC 410)**Prerequisite: Department Honors Application, SC 210, and has taken or is concurrently taking SC 330 and SC 350.**

Microbiology and Gross Biology are mirrored after college-level General Biology 1 and 2. It would be best to take them in succession to get the full college prep experience. Microbiology will focus on the scientific method, biochemistry, cells, enzymes and metabolism. (*Limited enrollment.*)

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

BIOLOGY HONORS – GROSS BIOLOGY (SC 420)**Prerequisite: Department Honors Application, SC 210, and has taken or is concurrently taking SC 330 and SC 350.**

Microbiology and Gross Biology are mirrored after college-level General Biology 1 and 2. It would be best to take them in succession to get the full college prep experience. Gross Biology will focus on classification and taxonomy, body systems, creation and evolution, and genetics. (*Limited enrollment.*)

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

CHEMISTRY HONORS – INORGANIC CHEMISTRY (SC 430)**Prerequisite: Department Honors Application, SC 330, and has taken or is concurrently taking SC 350.**

This Honors course is an individually structured course with extensive emphasis on laboratory work. Laboratory work includes quantitative analysis, chemical synthesis, and other experiments. An overview of general chemistry concepts and problems is also discussed. (*Limited enrollment.*)

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

CHEMISTRY HONORS – ORGANIC CHEMISTRY (SC 440)**Prerequisite: Department Honors Application, SC 330, and has taken or is concurrently taking SC 350.**

This Honors course is an individually structured course with extensive emphasis on laboratory work. Laboratory work includes an introduction to organic chemistry lab techniques and preparations, qualitative analysis, and other experiments. An overview of general chemistry concepts and problems is also discussed. (*Limited enrollment.*)

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

A.P. PHYSICS 1 (SC 550)**Prerequisite: Department Honors Application, SC350, & MA 350 or higher**

This Advanced Placement (A.P.) course will offer a year of physics study for the upper level science student. Through challenging content, each student will experience a semester of material from a trigonometry-based mechanics course at a college level. Content will include mechanics, electric circuits, and waves and sound. Lab work and extensive daily study time will be required. It is intended for students who are pursuing a science field for a career and/or wish to attempt to earn college credit and/or higher placement from a college or university by scoring appropriately on the A.P. Physics 1 exam. The student is expected to take the A.P. Physics Exam in May. (*Limited enrollment.*)

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

SOCIAL STUDIES

6 Credits Required

WORLD HISTORY (SS 210)

<i>Required</i>	Credit	9	10	11	12
	2.0	X	X		

The primary purpose of this course is to give students an opportunity to learn about the economic, political, and social developments that created the western civilization of which they are a part. The course includes the Ancient Middle East and Egypt, Ancient Greece and Rome, the Middle Ages and the Rise of Nation States, the Renaissance and the Reformation.

U.S. HISTORY I & II (SS 310/SS 320)

<i>Required</i>	Credit	9	10	11	12
	2.0		X	X	

U.S. History I and II are semester length survey courses covering the history of our nation from Pre-1492 to the present time. This course will be taught thematically, meaning that topics will be covered instead of chronologically. The course will help the student understand what it means to be an American by studying our past, traditions and national experiences. Topics covered in U.S. History I are government, culture, reforms, and economics. Topics covered in U.S. History II are expansion, depression/recovery, foreign policy and domestic policy.

CIVICS (SS 340)

Prerequisite: SS 310 and SS 320

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

This course will provide a basic overview of the American systems of Government and Economics. Students will learn about the foundations of our political and economic systems, how our government and economics function, major concepts in each system and the role of citizens in both. Students will also spend some time learning and discussing current events. The course will involve a good deal of experiential learning and real-life simulations.

SOCIOLOGY (SS 410)

Prerequisite: SS 310 and SS 320

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

Sociology offers a perspective, or a view of the world. Students taking this course will learn about the culture we live in, as well as different cultures from around the globe. Students will study how cultures influence people, and why societies do the things that they do. Various topics will be presented including racism, immigration, stereotypes, and the topic of church vs. state. Students will also discuss what makes something right or wrong, how stereotypes affect society, and what role a person's race, age, gender, or economic status plays in how they are treated by society. The study of Sociology helps us understand our society and why people might behave as they do. Assignments include in-class articles and reading assignments, as well as issue papers and class participation.

PSYCHOLOGY (SS 420)

Prerequisite: SS 310 and SS 320

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

The purpose of this course is to evaluate from a Christian perspective how psychology may be used to explain, predict, control, and improve human behavior. Students will gain a better understanding of chronological development; of how humans think, perceive, and learn; of how normality and deviancy are culturally defined; and of the biological and adaptive basis of behavior.

ECONOMICS (SS 430)

Prerequisite: SS 310 and SS 320

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

This course covers the basic concepts of economics: scarcity, the market system, business and its organization, production, supply and demand, money banking, the business cycle, government involvement, competition, and trade. Varying viewpoints to current problems are presented, and opportunity is provided to practice economic skills. Audio-visual aids supplement the textual and classroom presentations.

GOVERNMENT (SS 440)

Prerequisite: SS 310 and SS 320

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

This course deals with the basic ideal of political behavior and the operation of American government. It includes such topics as political influence, citizen participation, political parties, the role of the President, and the decision-making process. Brief stories and case studies are used to capture the vitality and drama of politics. Simulations, games, surveys, and films are also used. Students will be encouraged to participate in real-life politics.

CONTEMPORARY ISSUES (SS 450)

Prerequisite: SS 310 and SS 320

<i>Elective</i>	Credit	9	10	11	12
	1.0			X	X

The understanding of current events of our present society will make it much easier for our students to perceive the trends that will influence their lives tomorrow. This course thoroughly covers the issues and trends (economic, racial, religious, governmental, etc.) displayed in the media and other forms of information. Students actively participate in discussions, projects, cooperative teams, and problem solving activities as they relate to current course content.

A.P. WORLD HISTORY (SS 500)**Prerequisite: Department Approval**

This Advanced Placement course will offer an intensive, college level study of the world (1500 BC to Present) for the upper level social studies student. Students will experience college level topics and material in World History through a rigorous and challenging curriculum. The course is intended for students who are pursuing a career in the field of social sciences and/or desire to attempt to earn college credit and/or placement from a college by scoring appropriately on the AP examination given annually in May. (Limited enrollment)

<i>Elective</i>	Credit	9	10	11	12
	2.0			X	X

A.P. U.S. HISTORY (SS 550)**Prerequisite: Department Approval**

This Advanced Placement (A.P.) course will offer an intensive, college level study of United States history for the upper level social studies student. Students will experience college level topics and material in American history through a rigorous and challenging curriculum. The course is intended for students who are pursuing a career in the field of social sciences and/or desire to attempt to earn college credit and/or placement from a college by scoring appropriately on the A.P. examination given annually in May. (Limited enrollment.)

<i>Elective</i>	Credit	9	10	11	12
	2.0		X	X	X

TECHNICAL EDUCATION

BEGINNING WOODS (TE 110)

This semester course is designed to teach the student life-skills in the use of hand and power equipment. Through the construction of various projects, the student will learn tool safety skills, basic joint construction, and finishing. (Materials fee:\$50)

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

INTRODUCTION TO ENGINEERING (TE 120)

This course will allow students to learn who engineers are and what they do. Students will learn how to use Computer Aided Drafting (CAD) software to design a variety of parts and assemblies. Students will use different scenarios to learn to apply the engineering problem solving process.

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

ADVANCED WOODS (TE 210)**Prerequisite: TE 110**

This course is designed to instruct the student in skills of furniture construction. The student will build three projects during the semester. The first two projects are a CD Clock and End Table. The student selects the third project. The material fee for the first two projects is \$60. The additional cost of materials for the student-selected project will vary depending on the size and type of material used. Students need Department Approval to take Advance Woodworking a second time. (Materials fee: \$60+ cost of third project)

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

ARCHITECTURAL DRAFTING (TE 220)

This semester course is for students interested in the area of Architecture. It provides students the opportunity to design and draw different house styles using computers. The student will create a 3-D Paper model of a house they designed for their final project. (Material fee: \$25)

<i>Elective</i>	Credit	9	10	11	12
	1.0	X	X	X	X

POWER TOOLS (TE 230)

The purpose of this course is to explore, train, and develop students' expertise in using power tools. The principles of safely, manufacturing processes, and machine assembly provide the basis for this curriculum. The capstone project consists of disassembling and assembling a product manufactured at Briggs & Stratton. (Material fee: \$25)

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

ENGINEERING DESIGN AND ROBOTICS (TE 310)**Prerequisite: TE 120 or Former Mechanical Drafting Course**

Students will learn how various forms of energy are used in design. Major areas of study will include electrical circuits, hydraulics, pneumatics, solar power, engines, and robotic programming and control.

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

ENGINEERING MACHINE DESIGN (TE 320)**Prerequisite: TE 120 or Former Mechanical Drafting Course**

Students will learn and apply concepts related to simple machines, pulleys, gears, springs, and other mechanical devices to build complex problem-solving machines. Examples of potential projects include catapult design and Rube Goldberg machines.

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

TECHNICAL EDUCATION INDEPENDENT STUDY (TE 410)

Students will work alone or in small groups of other Independent Study students on a variety of enrichment projects. Projects will vary based on the content group of courses completed prior to independent study. Students are eligible if they have completed all courses in a content group (Home Design, Woodworking, or Engineering Design).

<i>Elective</i>	Credit	9	10	11	12
	1.0		X	X	X

TRANSITION EDUCATION

Students who participate in these courses will have demonstrated a need for a modified curriculum. Transition courses in English, Mathematics, Science, and Social Studies are offered on a rotating basis.

BASIC ENGLISH (EN 900)

Next Offered: 2017-2018 & 2019-2020

Prerequisite: Department Approval

Credit	9	10	11	12
2.0	X	X		

This course for students in Grades 9 and 10 will reinforce and improve the students' knowledge and use of grammar, vocabulary, and parts of speech. Students will learn how to correctly write simple, complex, and compound sentences. They will also learn to write and revise paragraphs that inform, persuade, or tell a story. Additionally, students will explore business and personal writing.

FUNDAMENTAL WORLD LITERATURE (EN 910)

Next Offered: 2016-2017 & 2018-2019

Prerequisite: Department Approval

Credit	9	10	11	12
2.0	X	X		

This course will enhance students' understanding of literature through exposure to various genres from around the world. Additionally, word attack and comprehension skills will be enhanced as students study short works of fiction, nonfiction, drama, poetry, persuasive literature and humorous literature.

PRACTICAL ENGLISH (EN 930)

Next Offered: 2016-2017 & 2018-2019

Prerequisite: Department Approval

Credit	9	10	11	12
2.0			X	X

This course offers students the opportunity to learn life-skills applications of the English language. Through skill-based lessons, vocabulary, and frequent practice and review, students will be able to make the important connection between basic English skills and their own lives. Topics include: shopping, communicating in the workplace, English for independent living, citizenship, health and safety, recreation and personal expression.

PRINCIPLES OF COMMUNICATION (EN 950)

Next Offered: 2015-2016 & 2017-2018

Prerequisite: Department Approval

Credit	9	10	11	12
2.0			X	X

Semester 1 of this course offers thorough instruction in the fundamentals of writing sentences and paragraphs and leads to learning to write for various academic and life purposes. In the second semester, in addition to continuing instruction about writing for different purposes, students will explore formal and informal oral communication skills. Through research, writing, and classroom presentations, students will learn about non-verbal communication; group dynamics and communication; listening skills; and communication in the workplace.

BASIC MATH 1, 2, 3, 4 (MA 900, MA 910, MA 920, MA 930)

Prerequisite: Department Approval

Credit	9	10	11	12
2.0	X	X	X	X

This course is an individualized skill development course in basic math calculations. Students will work at an individual pace to master basic mathematical operations. Those that finish the 150 objective Accelerated Math program will be prepared for Pre-Algebra. Students who have struggled in other math courses may use this course to hone up on skills they are lacking in order to gain math competency.

PHYSICAL SCIENCE (SC 900)

Next Offered: 2016-2017 & 2018-2019

Prerequisite: Department Approval

Credit	9	10	11	12
2.0	X	X		

This course is designed to give a well-rounded understanding of basic physical science principles and explore various fields of science using materials at a reading level that promotes success for students who struggle in reading and/or math. A variety of learning strategies are utilized to enhance this science experience.

FUNDAMENTAL BIOLOGY (SC 910)

Next Offered: 2017-2018 & 2019-2020

Prerequisite: Department Approval

Credit	9	10	11	12
2.0	X	X		

This course is designed to give a well-rounded understanding of basic biology principles using material at a reading level that promotes success for students who struggle in reading and/or math. A variety of learning strategies are utilized to enhance this science experience.

INTRODUCTION TO WORLD COMMUNITIES (SS 900)

Next Offered: 2017-2018 & 2020-2021

Prerequisite: Department Approval

Credit	9	10	11	12
2.0	X	X	X	X

This course is designed to give a well-rounded understanding of communities in various parts of the world, which may include Africa, Asia, Europe, North America and South America using materials at a reading level that promotes success for students who struggle in reading. A variety of learning strategies are utilized to enhance this experience.

TRANSITION U.S. HISTORY 1 & 2 (SS 910 & SS 920)*Next Offered: 2015-2016 & 2018-2019**Prerequisite: Department Approval*

Credit	9	10	11	12
2.0	X	X	X	X

This course is designed to give a well-rounded understanding of the development of the United States using a textbook that is at a reading level that promotes success for students who struggle in reading. A variety of learning strategies are utilized to enhance this history experience.

BASIC ECONOMICS (SS 930)*Next Offered: 2016-2017 & 2019-2020**Prerequisite: Department Approval*

Credit	9	10	11	12
2.0	X	X	X	X

This course covers the basic concepts of economics including: production, supply, demand, money, banking systems and the stock market. Materials and activities used in this course are at a reading level that promotes success for students who struggle in reading. A variety of learning strategies are utilized to enhance this experience in economics.

FOUNDATIONS OF GOVERNMENT (SS 940)*Next Offered: 2016-2017 & 2019-2020**Prerequisite: Department Approval*

Credit	9	10	11	12
2.0	X	X	X	X

This course deals with the basic ideals of political behavior and the operation of American government. It includes topics such as political parties, the role of the president, citizenship and the decision making process. The textbook that is used is at a reading level that promotes success for students who struggle in reading. A variety of learning strategies are utilized to enhance this topic.

WORK STUDY MENTORSHIP (AC 400)*Prerequisite: Department Approval*

<i>Elective</i>	Credit	9	10	11	12
	2.0				X

This is an elective course for seniors during the second semester in which students obtain work or internship opportunities in the community to assist in making the connection between the "real world" and the classroom. Students attend class on Mondays covering topics related to job seeking/keeping skills, guided career exploration, mock interviewing, and development of an actual resume. Attending classes in the morning, the student is released in the early afternoon to accumulate the required 10-12 hours of employment per week.

ACADEMIC EVALUATION

The standard recommended grading scale for Transition courses is as follows:

A	4.000	(100-93)	C+	2.333	(78.99-75.5)	D-	0.667	(61.5-58)
A-	3.666	(92.99-89.5)	C	2.000	(75.49-72)			
B+	3.333	(89.49-86)	C-	1.667	(71.99-68.5)	F	0.000	(57.99-0)
B	3.000	(85.99-82.5)	D+	1.333	(68.49-65)			
B-	2.666	(82.49-79)	D	1.000	(64.99-61.5)			



MILWAUKEE LUTHERAN HIGH SCHOOL

Dual Credit Course Options

Dual credit courses enable students to earn college credits while in high school. The advantage of these courses is that the courses grant credit for successfully completing a course, unlike Advanced Placement credits which are based on passing a single, comprehensive exam. The high school credit is reflected on the Milwaukee Lutheran transcript. The college credit is awarded through the participating institution and can be transferred according to the transfer policies of the accepting institution. It is the institution receiving the credit that determines if the credit is accepted and how it is applied.

The following institutions offer options that are approved by Milwaukee Lutheran for dual credit. Students are responsible for any fees associated with these courses. See the counselors for information on available programs and courses, enrollment, and other policies.

Concordia University – Nebraska



- **Courses Available:**
 - Spanish I
 - Spanish II
- **Format**
 - Students are enrolled in Spanish III and Spanish IV taught by Mrs. Riofrio. The course length is the same as the MLHS school calendar.
- **Qualifications**
 - Recommended 3.0 cumulative GPA.
 - Recommendation of Principal or Counselor
- **Cost** – \$85 per credit hour (\$255 for the three credit course)

<http://wp.cune.edu/dualcredit/>

Concordia University – Wisconsin



- **Courses Available:**
 - Introduction to Sociology
 - Introduction to Psychology
 - American Civilization
 - Civilization and Worldviews: Literature
 - Introduction to Writing
 - Principles of Management
 - Principles of Economics
 - Principles of Marketing
 - Introduction to Business Writing
 - Financial Accounting
 - Foundations of Computer Science
 - Interpersonal Communication
 - American Government
- **Format**
 - Students complete web-based courses independently during the school day or at home.
 - Courses are taught by Concordia University faculty.
 - The courses are 15 weeks in length corresponding to the college calendar.
- **Qualifications**
 - Minimum 3.0 cumulative GPA.
 - Recommended ACT composite of 23 or a score of 25 on an applicable ACT subsection
- **Cost**
 - \$50 per credit hour through the Concordia Promise Scholarship (\$150 for a three credit course)
 - Students who enroll at Concordia University – Wisconsin will be eligible for the Concordia Promise Plus which will deduct the dual credit cost already paid off the tuition bill.

<http://online.cuw.edu/programs/high-school/>

Grand Canyon University (AZ)



- **Courses Available:**
 - Financial Accounting
 - Old Testament Historical Perspectives
 - New Testament Historical Perspectives
 - Introduction to Life Sciences I
 - Introduction to Life Sciences II
 - Environmental Science
 - Introduction to Sports Management
 - Communications and the Media
 - History and Criticism of Visual Media
 - Persuasive Theory
 - Foundations of a Christian Worldview
 - Introduction to Cinema: History & Aesthetics
 - Digital Video Production I
 - Foundations of Early Childhood
 - Introduction to Economics
 - Foundations of Education
 - Cultural Diversity in the Classroom
 - English Composition I
 - English Composition II
 - Analysis of World Literature
 - English Literature I
 - English Literature II
 - World History Themes
 - United States History Themes
 - World Religions
 - Introduction to Justice Studies
 - Crime and Criminology
 - Critical Issues in Criminal Justice
 - Applications of Algebra
 - College Algebra and Trigonometry
 - Calculus and Analytic Geometry I
 - Probability and Statistics
 - Introduction to Management
 - Principles of Marketing
 - Introduction to Physical Science
 - Earth and Space Science
 - General Psychology
 - Personality Psychology
 - Principles of Sociology
- **Format**
 - Students complete web-based courses with other Grand Canyon University students.
 - Courses are taught by Grand Canyon University faculty.
 - The courses are 7 weeks in length and begin year-round.
- **Qualifications**
 - Minimum 3.0 cumulative GPA. Sophomores qualify with a GPA of 3.25.
 - All students taking English or math courses are required to take an online placement test.
- **Cost** – \$52.50 per credit hour (\$210 for a four credit course)

<http://www.gcu.edu/Dual-Enrollment.php>

Waukesha County Technical College



- **Programs Available:**
 - Baking and Pastry
 - Printing and Publishing
 - Tool and Die / CNC
 - Welding / Fabrication
- **Format**
 - Students spend the majority of their school day at WCTC participating in the Dual Enrollment Academy.
- **Qualifications**
 - Seniors in good Academic Standing in high school (minimum 2.0 cumulative GPA).
 - Must meet WCTC entrance requirements.
 - Students must complete an application for consideration for this program.
- **Cost** – No cost at this time

<http://wctc.edu/dual-enroll>