

Curriculum Guide



LANCASTER
MENNONITE



HERSHEY CAMPUS

School Year
2018-2019

Centered in Christ • Transforming Lives • Changing our World

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Purpose Statement

Centered in Christ • Transforming Lives • Changing our World

Lancaster Mennonite School offers a PreK-12 comprehensive education in a safe, nurturing and diverse environment that prepares students to be lifelong learners. Centered in Christ and committed to educational excellence in a community setting, the school exists to transform students so they can change our world through Christ-like love, peacemaking, and service.

Vision Statement

LMS will be a leader in PreK-12 educational experiences of excellence and character. Through local and global connections in a Christ-centered community lives will be transformed and our world changed.

Distinctives that shape the school

Christ Followers
Peace Seekers
Community Builders
Rigorous Learners
Service Givers
Differences Embracers

Identity

Lancaster Mennonite School is a mission of congregations of the Mennonite Church USA. It is warmly ecumenical and welcomes students from these and other congregations who share the mission of the school. Students are admitted without regard to race, gender or national origin.

Memberships

Lancaster Mennonite School is accredited by the North Central Association Commission on Accreditation and School Improvement division of AdvancED and is a member of the Mennonite Schools Council and the Commonwealth Christian Athletic League.

Faith Practice Statements

1. In this school students know they are loved and valued by God which enables them to value and love each other.
2. Peacebuilding, including the use of restorative discipline, is regularly modeled and practiced as a lifestyle of nonviolence, seeking justice and being part of a reconciling faith community.
3. Our school values and is responsive to cultural, racial and socioeconomic diversity.
4. Our school provides a welcoming community where it is emotionally safe to raise questions, to value and learn from differences, and to care for each other.
5. The school enables students to practice global awareness, cultural sensitivity, anti-racism, and compassionate living.
6. Students grow in their understanding of stewardship of all God has entrusted to them, including the natural environment.
7. Staff members in our school are committed to modeling the life of Jesus Christ
8. Students grow in understanding the process of biblical discernment by using scripture, asking questions, practicing spiritual disciplines, and engaging with other Christians.
9. Students are encouraged to grow in relationship with Jesus and to follow Jesus daily in life through attitudes and practice.
10. Our school does everything it can to eliminate the obstacles that exclude or hinder the ability of students to receive a faith-infused, education of excellence.
11. Stories and symbols of faith and reconciliation are regularly shared in our school community.
12. Our school invites parents and congregations to become partners in the faith formation of their child.
13. Our school is a community that lives the gospel message through praying, serving others, and enabling students to grow in understanding that they can make a positive difference in the world globally and locally.
14. Our school builds a strong faith and learning community in which students and staff support each other.
15. Our school enables students to live a life of curiosity, wonder and mystery as they join with God to bring the reign of God on earth as it is in heaven.

Graduate Profile

Lancaster Mennonite School, comprised of Hershey Campus (K-12), Kraybill Campus (PreK-8), Lancaster Campus (6-12), Locust Grove Campus (PreK-6), and New Danville Campus (PreK-5), is a comprehensive PreK-12 school that prepares graduates for lifelong learning. The Christ-centered educational process develops the gifts of each student to live as a global citizen. It is expected that a graduate of LMS is a person who:

Academic

- infuses a Christ-centered faith into learning and understanding
- has a love for learning and has developed skills that enable him/her to be a lifelong learner with the ability to solve problems, think critically, and to work collaboratively with others
- exhibits competency in basic subject matter, possesses knowledge in the academic disciplines, the arts and workforce skills
- communicates effectively through speaking, writing and listening
- incorporates technology appropriately and has the skills to analyze and manage information
- has the knowledge and skills for success in his/her personal life, management of money, relationships, and self-understanding
- has a love for God's creation and its diversity in the natural environment and peoples

Spiritual

- is growing in relationship to Jesus Christ and a faith community
- has a faith centered in Jesus Christ as the final revelation of God
- is Biblically literate, values and accepts the authority of Scripture, knows the history of the universal Christian church and the Anabaptist heritage and is able to bring these into discernment of faith questions
- lives a life of discernment, spiritual growth and the discovery and development of gifts, by asking questions and seeking answers, through the practice of spiritual disciplines, the counsel of other Christians and the church
- knows he/she is loved by God and shares this love with others by word and deed
- cultivates a worldview informed by Christian-Anabaptist teaching where one sees through the eyes of Jesus

Graduate Profile (continued)

Lifestyle

- practices global awareness, cultural sensitivity and humility, respect, an anti-racist lifestyle and compassionate living
- practices stewardship of all God has entrusted to him/her, including the natural environment and is generous in giving of time and money to bless and serve others
- shows commitment to forgiveness, understanding, reconciliation and non-violent resolution of conflict, and respects all human life
- participates and is accountable in the life of a church community
- maintains healthy relationships with others in family, church, workplace and community
- practices wellness of body, mind and spirit
- practices a balanced ethic of work, service and leisure
- lives with a sense of curiosity, wonder and mystery

The graduate profile is developed within the framework of Confession of Faith in a Mennonite Perspective that gives definition to the theological phrases in this profile.

Introduction

The program of studies is planned to meet the needs of the youth of this school. The program is comprehensive and flexible and is planned to promote sound growth and achievement in order to prepare each student for post-secondary education or other vocational interests. Parents and students are urged to read this booklet carefully, discuss it with each other and retain it for future reference.

This planning guide is intended to provide sufficient information so that students and their parents may take a major responsibility in educational planning. In selecting courses of study, careful thought should be given to the student's ability, interests, past academic achievement, diligences and future educational and vocational goals.

Our student schedule provides for 40 class periods per week. Parents, take note of how many class periods per week your student is signing up for in relation to the number of classes scheduled for each week. Students will be placed in study halls as needed to fill their schedules.

The program of studies will be used by parents and teachers as they help to assist students in planning the work to be pursued. Parents and students are invited to consult with the guidance counselor, teachers and the administration.

Planning a Program of Study

- Students should discuss their proposed program of studies with their parents or guardians and give the completed program to the guidance counselor or school principal (this applies only to high school students who will be in grades 9, 10, 11 and 12 for the next school year).
- The guidance counselor or school principal will prepare a program of studies for students who do not submit a completed and properly signed program by the prescribed date.
- Students should choose their electives with care. A student expecting to go to college should plan his/her program so that he/she has the necessary subjects for college admission. Be certain that any prerequisites have been met before selecting a course.
- College entrance requirements for specific college majors vary greatly from one institution to another. We remind students and parents that most college entrance requirements are based on all four grades of high school and that the patterns of subject credits outlined by the college catalogues are the minimum requirements for entrance. The major goal of the college bound student should not be limited to meeting the minimum requirements for entrance

but rather should be aimed to pursue a well-rounded college preparatory curriculum that will prepare the student to do college level work successfully.

- Many young people do not arrive at specific vocational choices during their high school years. It is advisable for these students to follow ambitious academic programs.
- Each student will meet with his/her guidance counselor for a conference to work through his/her academic achievement, career interests, talents/abilities and post-secondary school plans. Students will be encouraged in self-exploration in all the above areas in order to better understand God's plan for their lives.
- Parents of seniors and seniors, you will find some helpful tips at the following web site:

<http://www.collegeboard.com/parents/apply/college-applications/21291.html>

Students should plan to develop their full potential to prepare for as many alternative career choices as possible so that should their goals change because of personal preference or circumstances, flexibility of choice will exist.

Course Registration Procedures

- Information concerning course selection for the following year is given to students before the end of the first semester by the guidance department.
- Classroom teachers work with students to provide information about courses in their subject area.
- Students complete “Course Registration Forms,” requesting the courses they wish to schedule. Parental signature of approval is required.
- The forms completed during this preliminary registration are processed to provide lists of every student requesting a particular course. These lists enable the school to determine which course should be scheduled to best meet the student’s needs while providing optimum use of staff and facilities. The lists are checked to ensure, in so far as possible, that each student has requested appropriate courses and levels.
- If all of the student’s requests cannot be honored (usually due to course conflicts in times or insufficient requests to offer a course), the guidance counselor or the school principal will work with the student to make the best alternative selection.

Grading Standards

A	Superior	90-100
B	Good	80-89
C	Average	70-79
D	Below Average	60-69
F	Unsatisfactory	Below 60

An incomplete is given only for emergence reasons approved in advance by the teacher and school counselor. An incomplete must be removed within two weeks after the student’s return to school or the grade becomes an F.

Graduation Requirements

To graduate from LMH students must earn 25 credits and satisfactorily complete the senior presentation. Specific credits in grades 9-12 must be earned in the following areas.

Bible, for each year enrolled	.5 credit
English	4.0 credits
Social Studies	3.5 credits
Mathematics	3.0 credits
Science	3.0 credits
Health, Safety & Physical Education	2.0 credits
Fine or Practical Arts	1.0 credit

Fine and Practical Arts include agriculture/science technology, art, family and consumer sciences, music and technology education.

At least two years of world language is recommended for most students.

Students will give a presentation in their senior year of high school. The goal of a senior presentation is for students to reflect on their life so far, to acknowledge appreciation for those who have nurtured them, and to anticipate their future.

The Portfolio and Presentation will help students to:

- Discover their interests, skills, passion, and God's calling in their lives, realizing that this discovery is a process and not a conclusion.
- Reflect upon stewardship of God-given gifts and resources
- Discern their personal characteristics and Christian ethics needed for a vocation
- Become aware of how their potential career can be Christ centered and missional
- Review their personal high school plan in light of their current vocational goals
- Select post-secondary opportunities that match their personal vocational interests and goals

Recommended Sequence of Classes

Ninth Grade

Bible	0.5 credit
English 101	1.0 credit
Social Studies	1.0 credit
Mathematics	1.0 credit
Science	1.0 credit
World Language	1.0 credit
Physical Education	0.5 credit
Electives	

Tenth Grade

Bible	0.5 credit
English	0.5 credit
English	0.5 credit
Social Studies	1.0 credit
Mathematics	1.0 credit
Science	1.0 credit
World Language	1.0 credit
Physical Education	0.5 credit
Electives	

Eleventh Grade

Bible 11	0.5 credit
English	0.5 credit
English	0.5 credit
Social Studies	1.0 credit
Mathematics	1.0 credit
Science	1.0 credit
Health	0.5 credit
Electives	

Twelfth Grade

Bible	0.5 credit
English	0.5 credit
English	0.5 credit
Social Studies	0.5 credit
Physical Education Elective.....	0.5 credit
Electives	

Art

As a means of communication, the visual arts enable a student to observe, explore, and respond to life through many media and design skills. Discovering the creative process can draw one to the ultimate creator – God. Art courses cultivate reflection, criticism, and aesthetic sensitivity to cultural expressions worldwide. This awareness and appreciation for all of Gods earth and people lead to constructive creativity and career choices which nurture our global society.

Art courses are offered on a rotating schedule with two different courses being offered each year.

Drawing

Students will develop their drawing skills in this course through a variety of projects. Drawing media such as pencil, charcoal, conte crayon and pen and ink will be explored. Assignments will include observational drawing, and creating images inspired by imagination. The elements of art and principles of design will be applied as students find ways to express their voice in their own unique way.

Grade 9-12

0.3 credit

Drawing in Color

Students will study color theory as they incorporate color into their drawings. Assignments will include a variety of genre including landscape, still life, and portraiture. Project based assignments will give students experience using a range of media including colored pencil, marker, oil and chalk pastels. The elements of art and principles of design will be applied as students find ways to express their artistic style in their own unique way.

Grade 9-12

0.3 credit

Watercolor Painting

This course explores techniques in watercolor painting as students make original works of art through project based assignments. A range of genre will be explored including land and seascapes, still life, and portraits. Students will create dynamic compositions that put into practice the elements of art and principles of design.

Grade 9-12

0.3 credit

Acrylic Painting

During this course students will learn painting techniques using acrylic paint. A variety of methods will be explored as students develop their own unique style. The elements of art and principles of design will be applied to their artwork as they create dynamic compositions on canvas.

Grade 9-12

0.3 credit

Art (continued)

Sculpture

Students will complete a series of studio projects that focus on three dimensional design skills. Techniques for carving, molding, casting and using an armature will be explored. Students will express their unique voice while creating one of a kind works of art. Critique and reflection will inform students' ability to improve their work and develop their artistic skills.

Grade 9-12

0.3 credit

Creative Clay

Learn handbuilding techniques such as slab, coil and pinch construction while making functional works of art. Students will explore the making process while applying fundamentals of art elements and design principles to the form and surface of the clay. The results will be kiln fired and food safe. For the final project, students will create of a working, sculptural table lamp.

Grade 9-12

0.3 credit

Bible

The Bible curriculum is designed to teach biblical truth, strengthen Christian convictions and assist youth in their faith journey. God is recognized as Creator of the universe. The message of God's power and faithfulness is presented through the biblical story. We believe God's ultimate revelation has come in the incarnation of Jesus Christ.

Students are challenged to make Jesus both Savior and Lord of their lives. Students learn how the Church grew from a small group of believers in Palestine into the global body of Christ. Similarities and differences of Christianity's major branches are surveyed to discern their fundamental tenants of faith. The Sermon on the Mount and the Epistles become foundational as students are called to personal faith and a life of peacemaking, servanthood and mission.

Creation & Promise

In this Old Testament course students are introduced to the story of God calling out, and working with His people, from creation through the return from exile. Required.

Grade 9-10

0.5 credit

Kingdom Living

This course ties together the four years of Lancaster Mennonite School Bible curriculum. Recognizing that the Old Testament points to the coming of the kingdom of God in Jesus, the primary emphasis is on living in the kingdom now. Special emphasis will be given to the study and practice of the spiritual disciplines. Students will be challenged to do critical Biblical thinking related to Kingdom Living in the home, church, and world. The course is designed with the understanding that God calls us to be in but not of the world as the consummation of his kingdom is anticipated. Required.

Grade 11-12.

0.5 credit

Bible Study Elective

Semester 1 or 2

This course will explore a variety of Bible passages in depth and will challenge students to examine ways in which applications can be made to their lives today. Bible passages to study will be chosen by students and the instructor. Class time will include prayer, individual and corporate Bible reading and research, group discussions and presentations. All students, regardless of prior Bible experience, are welcome to take this course.

Grade 9-12

0.5 credit

Computer and Information Technology

The Computer curriculum is designed to meet the students' personal and career objectives, equipping students for the world of work, further education or mission. Emphasis is placed on both technical and personal skills necessary for success in the modern global business community.

Digital Photography

Semester 1 or 2

This course introduces students to various aspects of digital photography. Emphasis will be placed on both technical and artistic aspects of photography and composition. Students will create images using manual modes on a Digital SLR camera. *This course is a prerequisite for all other digital imaging courses: Video Editing, Intro to Adobe Photoshop, and Advanced Photography.* **There is a \$75 camera rental fee to take this class.**

Grades 9-12

0.3 credit

Digital Video Editing

Semester 1 or 2

Prerequisite: *Digital Photography*

This course is designed to introduce students to the process of capturing, importing, editing and exporting digital video. This course aims to give students a basic knowledge of creating and editing small video productions such as short films, commercials and interviews. Students will learn how to operate digital cameras, basic lighting, and use production software, and then export the video for sharing.

Grades 9-12

0.3 credit

Intro to Adobe Photoshop

Semester 1 or 2

Prerequisite: *Digital Photography*

In today's world of computers, technology and imagery, Adobe Photoshop reigns supreme as an industry standard in image editing and manipulation programming. This class will focus on image post-processing and manipulation. Students will learn how to improve, alter and compositing images in a variety of ways, while building their understanding and use of Adobe Photoshop software. The use of these skills will further student abilities in working with photo manipulation software as well as develop an understanding of the use of a computer in digital imagery.

Grades 9-12

0.3 credit

Computer (continued)

Advanced Digital Photography

Semester 2

Prerequisite: *“B” or higher in Digital Photography.*

This course is designed to move students beyond the basics and into more advanced topics and assignments. The students will be introduced to image editing techniques using Adobe Lightroom, to enhance and complete their photography assignments.

Grades 9-12

0.3 credit

Yearbook

Full year

Application Required

Recommendations: *Academic Writing and Photography*

Students will produce the school's annual yearbook by taking photographs, designing layouts and organizing all the book's components for printing and production. Students will learn responsibility and punctuality in completing assigned tasks and projects under publication deadlines. Students will work together as a group to complete a collective project through individual contributions. Students will need to apply to be approved for this course.

Grades 10-12

0.4 credit

AP Computer Science Principles

Full year

Prerequisite: *Algebra 1*

With a unique focus on creative problem solving and real-world applications, the AP Computer Science Principles course gives students the opportunity to explore several important topics of computing including Web Development, Programming, Digital Information, The Internet and Data. Students will use their own ideas and creativity to create artifacts of personal value including a final collaborative project. This course will also develop an interest in computer science that will foster further endeavors in the field. This course counts for math or science credit.

Grades 10-12

1 credit

English

The study of language arts develops the communication skills students will need in their work place, in further education and in service for the Kingdom of God. As students read and respond to literature from various times and cultures, they begin to understand more about themselves, the world, and questions and values of their society. Learning critical thinking skills enables students to become discerning consumers of mass media. By reading on a regular basis, students establish reading habits, which provide lifelong recreation and access to information. Thinking and communication skills enable students to articulate their ideas, feeling, values and faith.

Students are required to earn a minimum of four English credits for graduation using the following criteria.

English 101	1.0 credit
Writing Courses	1.0 credit
Literature Courses	1.0 credit
Communications and Analysis	0.5 credit
Other	0.5 credit

English 101

Full Year

Writing, grammar, and vocabulary are studied in conjunction with literature. Units of study include short stories, drama, poetry, nonfiction, ancient epic, and the novel.

Grade 9

1.0 credit

Communication and Analysis

The purpose of this course is to study and practice the life skills of listening, speaking, and writing. This media literacy course emphasizes the organization and presentation of information for various purposes and audiences. Contemporary uses of media, including entertainment and advertising are analyzed and evaluated from a Christian perspective.

Grades 11-12

0.5 credit

Writing Courses

Academic Writing

This course focuses on advancing and strengthening critical thinking and academic writing skills. Students write several short papers including essays and a short research paper.

Grades 10-12

0.5 credit

Career English

Students learn the written and oral communication skills necessary to get a job and function well in a work environment.

Grades 10-12

0.5 credit

English (continued)

Writing Skills

This course addresses the basic writing skills needed to succeed in Academic Writing and literature courses. Emphasis is on sentence structure, paragraph structure, grammar, and mechanics.

Grades 10-12

0.5 credit

Advanced Writing

Prerequisite: *Academic Writing*

Students are guided through the writing of several papers, including an extensive research paper. This course for college-bound students practices a peer revision model to give and receive feedback.

Grades 11-12

0.5 credit

Literature Courses

British Literature

Students study the major authors of the principal literary periods from Beowulf to 20th century poetry such as Shakespeare and Romanticism, and become aware of recurring themes that link students of today with people of all times.

Grades 10-12

0.5 credit

Literature of the Christian Faith

Selected works of various types from Christian writers are studied as literature and as inspirational writings. The use of Christian themes by non-Christian authors is also noted.

Grades 10-12

0.5 credit

Themes in Literature

The literature studied is organized around themes of high interest to students. Themes include death, love, courage, and friendship.

Grades 10-12

0.5 credit

U.S. Literature

A survey course sampling United States literature from the colonial times through the 20th century, U.S. Literature will explore how works relate to their historical and social contexts, the Christian worldview, and their writers' view of life. U.S. Literature will correlate to the AP U.S. History curriculum.

Grades 10-12

0.5 credit

English (continued)

World Literature

Students will examine classic and contemporary world literature, exploring thematic threads which connect the works despite their varied cultural traditions, helping to broaden the students' perspectives.

Designed for the student with above average ability and self-discipline, this course allows students to plan their own curriculum from a list of books suggested for the college bound. Students receive guidance in critical reading and respond orally and in writing to each book.

Grades 10-12

0.5 credit

Electives

Journalism

This course introduces students to the various types and styles of journalistic writing.

Grades 9-12

Semester 1

0.1 credit

Speech

Students learn to deal with fear and nervousness and to be confident and effective in a speaking situation. Class activities include group discussions, extemporaneous and memorized speeches, and critiques. An emphasis is on applying speech skills outside of class.

Grades 9-12

Semester 2

0.1 credit

Health and Physical Education

Maintaining physical health and development is essential for a Christian. Our bodies are the “temples of God” and therefore must be respected and cared for properly. Physical activities not only maintain healthy bodies but also provide an outlet for normal energies and stress. It is hoped that exercise combined with the classroom study of the physical and psychological person will instill in students a meaningful understanding of themselves.

Health 11

Semester 1

Classroom units include injury prevention and safety, individual growth and development, substance abuse, personal health, nutrition and exercise. Required for all 11th graders.

Grade 11

0.5 credit

Physical Education 9

Semester 2

This course introduces students to a variety of team and lifetime sports activities. The following individual and team sports will be offered: fitness, football, softball, soccer, basketball, and volleyball. Required for grade 9

Grade 9

0.5 credit

Physical Education 10

Semester 2

This course introduces students to a variety of team and lifetime sports activities. The following individual and team sports will be offered: fitness, football, softball, soccer, basketball and volleyball. Required for grade 10

Grade 10

0.5 credit

Fall Team Sports

Semester 1

The major team sports in this unit include basketball, touch or flag football, soccer, softball, street hockey, and volleyball. Each student will be required to dress-out and participate in the activity selected for that day. This will be an exciting class for persons who enjoy playing team sports and want to get in shape at the same time. This class is not geared for the varsity athlete who wants to perfect his/her skills so they can compete at the varsity level.

Grades 11-12

0.5 credit

Mathematics

Mathematics holds a central place in academic traditions and is a factor in the advancement of civilization. Mathematics is used in science and technology and is a basic tool for logical reasoning and decision-making processes. Mathematics is a common language in the global community and as such transcends national boundaries and becomes a useful model for the Christian community. Through mathematics, we see the beauty of God's creation as expressed in nature's symmetry and designs. It affirms God's awesome power.

Algebra I

Full Year

This course focuses on extensive use of linear and simple quadratic equations, graphing, functions and relationships, and integrates geometry and algebra. Scientific calculators are required. Students are exposed to graphing calculators.

Grade 9

1.0 credit

Algebra II

Full Year

Prerequisite: *At least a C in Algebra I & Geometry*

Builds upon concepts learned in Algebra I. New topics include trigonometry, quadratic relations, and logarithms. A graphics calculator* is required which costs approximately \$80-\$95. (*Recommended brands: TI-83+ or TI-84.)

Grades 9-12

1.0 credit

Consumer Math

Full Year

This course provides a comprehensive coverage of and Biblical perspective on personal and business-related mathematics. In addition to reviewing the basic operations of arithmetic, students will learn to be good stewards of personal finances, as well as grasp the fundamentals of business finances. Students will learn to honor God as smart consumers, informed taxpayers and valued employees.

Grades 11-12

1.0 credit

Geometry

Full Year

Prerequisite: *At least a C in Algebra I*

This course investigates a range of subjects including Euclidean and Non-Euclidean Geometry, spatial relations, logic, proof, congruence, transformations, polygons, circles, and the dimensions of various figures. This course reviews Algebra 1 content on a regular basis.

Grades 9-10

1.0 credit

Mathematics (continued)

Geometry Fundamentals

Full Year

Geometry fundamentals is a course for students desiring an overview of Geometry and basic Algebra concepts without lengthy mathematical computation. Emphasis will be on conceptual understanding; the course will also strive to cover pertinent topics represented on the SAT. Note that students passing Geometry Fundamentals in place of Geometry will require additional work to be eligible for Algebra II as a subsequent course.

Grades 10-11

1.0 credit

Pre-Calculus

Full Year

Prerequisite: *At least a C in Algebra II & Geometry*

This course covers all properties, attributes and behaviors of functions, including polynomials, rational, exponential and logarithmic functions and the functions of trigonometry. Students will also expand their knowledge of matrices and their applications. Emphasis is on problem solving and practical application of abstract concepts.

Grades 10-12

1.0 credit

AP Calculus AB

Full Year

Prerequisite: *At least a C in Pre-Calculus.*

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus.

Grades 11-12

1.0 credit

AP Calculus BC

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses. It extends the content learned in AB to different types of equations and new topics, and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series.

Grade 12

1.0 credit

Music

Music is an art form expressed in composing, performing, participating and listening, and is an important element in worship. What students experience and explore in music can significantly impact music in the church, cultivating aesthetic enjoyment, social and cultural understandings, and a faith relationship with God. Music experiences, especially in ensembles, promote social as well as personal development. Skills developed in music can be used for a lifetime.

Band

Semester 1 and/or 2

Prerequisite: *Must have played an instrument for a year*

Students learn to play music as a group using good intonation, following the conductor and following musical symbols. Students will learn to respond to the conductor, play music expressively, show knowledge of musical symbols and produce good intonation in order to blend with a group.

Grades 9-12

0.2 credit/semester

Jazz Band

Semester 1 and/or 2

Prerequisite: *Audition for entry*

Students learn to play together in a jazz performance band. Students will receive credit for meeting twice a month, every other week before the beginning of the school day. Attendance is mandatory to receive credit.

Grades 9-12

0.1 credit/semester

Choir

Semester 1 and/or 2

Students learn to sing in three-part harmony and to sing a wide range of musical repertoire. Students will learn to sing in three-part harmony, to follow a conductor, and to learn better vocal technique.

Grades 9-12

0.2 credit/semester

Music Appreciation I

Semester 1

Students learn the main elements of music including general terms and basic notation. Specific periods of music history, beginning with the Middle Ages, will be surveyed with consideration of stylistic, cultural and historical trends.

Grades 9-12

0.2 credit

Music Appreciation II

Semester 2

Prerequisite: Music Appreciation I

Students continue the analysis of stylistic, cultural and historical trends within music history to the present. Genres including jazz, music for stage and screen, rock and non-western music will be surveyed.

Grades 9-12

0.2 credit

Music (continued)

Worship Team

Semester 1 and/or 2

Prerequisites: *Must audition*

Students learn more about the true meaning of worship as well as to be a part of musical worship team. Students will learn what worship is and discuss different ways Christians worship. They will listen to worship music, hear arrangements of songs and learn how they can play music better.

Grades 9-12

0.1 credit/semester

Science

Science is a way of discovery that provides for intellectual stimulation and development. It is fundamental in helping to equip students to live responsibly in a technological world.

The marvels of the physical world reflect God's glory as both creator and sustainer. The tools of science help to explore the workings of nature and to unlock some of its wonders. We affirm that truth has its source in God. Therefore the discoveries of science, rightly understood, proclaim God as supreme in the physical as well as the spiritual realm.

Biology

Full Year

God's gift of life to plants, animals and people is marvelous. Biology helps us awaken these wonders. A variety of laboratory and class activities is designed to lay a foundation to understand the living world, both for persons who will take advanced studies as well as those who do not.

Grade 9

1.0 credit

Chemistry I

Full Year

Prerequisite: Algebra I

This is a faster-paced course than the General Chemistry. In addition, it uses mathematical methods as it studies the aspects of chemistry to prepare students for the Chem II/AP Chem course. Students should expect to gain an understanding of physical and chemical changes that exist in matter and be able to express them through equations and mathematical operations as well as with thoughtful explanations that show good understanding of all the interconnected chemistry concepts. Through our study, it is hoped that a deeper love and appreciation of God our Creator as we investigate the physical aspects of His creation will become known.

Grade 10

1.0 credit

General Chemistry

Full Year

Students learn about basic chemical principles that relate to the world around us. Students will look at the basic atomic structure and the different types of substances that are in the world. Students will be able to identify chemical names and formulas and read and write basic chemical equations. Students will learn about ways chemistry relates to our everyday life and a general overview of different branches of science that have close ties to chemistry. This course is concept, not math based and is for students not planning a career in the science or engineering fields.

Grade 10

1.0 credit

Science (continued)

Chemistry II/AP Chemistry

Full Year

Prerequisites: *At least an 85% in Chemistry I*

This course is not yet an actual AP Chemistry course, but it is in the process of obtaining that designation. It will appear as Chemistry II on report cards, but the goal is to prepare students to take the AP Chemistry test in the spring. Only students with a strong understanding from Chemistry I should take this challenging course. A strong math background is needed as well as a good recall of chemistry facts as they work together throughout the course in our study. A deeper investigation into basic chemistry concepts as well as a look at the significant scientific principles that God established in Creation will be explored as we look at the kinetic theory and states of matter, the uniqueness of water, how gases and acids and bases all work, just to name a few.

Grade 11

1.0 credit

Anatomy & Physiology

Full year

Prerequisites: *At least a B in Biology.*

This course emphasizes human anatomy and physiology. It is of special interest for, but not limited to, students interested in health and medical-related fields.

Grade 11-12

1.0 credit

Environmental Science

Full year

Students will explore how God's earth operates. We will examine the gifts of atmosphere, aquatic systems, and the land and how they have been used and misused. The goal is to prepare us to be good stewards of God's creation.

Grade 11-12

1.0 credit

Conceptual Physics

Semester 1

Conceptual Physics is a semester-long survey of the underlying principles of Physics, including Newtonian Mechanics, circular motion, energy, power, collisions, sound, and electricity. Students will be expected to perform laboratory experiments and write formal lab reports but not solve lengthy mathematical problems. The purpose of the course is a theoretical overview of Physics applications in the real world.

Grade 12

0.5 credit

AP Physics C: Mechanics

Semester 2

Co-requisite: *Calculus*

This course will follow the College Board guidelines for AP Physics C, preparing students for an AP Exam in May. It will include deep complex mathematical problem-solving as well as lab experiments. Prerequisite: Conceptual Physics.

Grade 12

0.5 credit

Social Studies

Social Studies courses are taught within the context of Christian education. We recognize God's sovereignty in history and the affairs of humankind. A global emphasis encourages appreciation for the heritage and cultural diversity of our world. The study of current events and issues of human need reflect concern for peace and justice throughout the world. Students are challenged to become responsible citizens of their country with an ultimate loyalty to the Kingdom of God.

Global Studies

Full Year

The theme of this course is the value of an appreciation of cultural diversity and a respect for all cultures. This course highlights issues such as migration, conflict, religion, race and ethnicity, and political and economic systems within a regional framework. Regions covered in this course include Latin America, Africa, Central and Southwest Asia, South Asia, and East Asia. Students intending to take AP World History in 10th grade are not required to take this class as much of the content is incorporated into the AP World History class.

Grade 9

1.0 credit

Recent World History

Full Year

This course will focus on world events from 1500s to the present, with special emphasis on the growth of the political, economic, and social institutions of Europe, East Asia, South Asia, Africa, Southwest and Central Asia, and the Americas along with the relationship of past events to current situations.

Grades 10-11

1.0 credit

U.S. History

Full Year

This survey course begins with the 1870s and continues to the present day. One goal is to acquaint students with major events of American history within a chronological framework. Several historical themes are developed throughout the course to gain understanding of the cumulative impact of past events on present life and issues. Some themes include the impact of changing technology, American culture, ethnic diversity, religious movements, economic and political development.

Grades 10-11

1.0 credit

Social Studies (continued)

Comparative Government

Semester 1

This course will focus on central concepts of comparative politics- power, political structure, institutions, nationalism and identity, democratization and policy-making. The political systems studied will include the United States along with political states in Latin America, Africa, Central and Southwest Asia, Europe, South Asia, and East Asia. This course will present a broader world view that will enable students to better understand the actions of the U.S. government within the context of a global community.

Grade 12

0.5 credit

Honors Psychology

Semester 2

This introductory psychology course is designed to introduce the systematic and scientific study of the behavior and mental processes of human beings and animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

Grade 12

0.5 credit

Sociology

Semester 2

This introductory sociology course examines the interaction of people within social structure of modern society. The class covers patterns of social interaction and social influences of modern society. Emphasis will be given to the various institutions within modern society along with social stratification both within the United States and the global community.

Grade 12

0.5 credit

World Languages

Learning to communicate with people of other languages and understanding their way of life are essential skills in an increasingly interdependent world. As students listen to, speak, read and write a second language, they begin to develop a greater awareness and appreciation for the broad diversity of cultures in our world.

Those who travel or serve abroad find a second language an important key to developing meaningful relationships. Proficiency in a second language will also better prepare students for careers and witness which involve cross-culture communication. Finally, learning another world language enables students to better understand their own language and can give them linguistic tools useful in other fields of study.

CHINESE

Parents, students and educators recognize the importance of learning the Chinese language because of China's emergence as a big power in the world. The largest population in the world speaks Chinese language and it is the fastest growing foreign language taught in US schools and in many European countries. Students are encouraged to take Chinese classes to prepare them for future opportunities in the international market, economy, business, education, government and politics.

Chinese I

Full Year

A beginning level Chinese language class, offered to students who have no background or a limited background in Chinese. The goal of this class is to develop four basic language skills: listening, speaking, reading, and writing through various learning activities in and outside class. To help create interest and aid in memorizing characters, pictographic symbols are introduced. Pinyin, the Chinese phonetic system, is taught to help students pronounce characters. Learning Chinese through technology is introduced. Grammatical phonemes and sentence structures are taught through activities and games that are integrated in basic conversational topics, Chinese songs, children's poems, and Chinese culture.

Grades 9-12

1.0 credit

Chinese II

Full Year

Prerequisite: At least a C average in Chinese I.

Students continue to develop four basic language learning skills plus translation skill. Learning to write better in Chinese and reading in more variety of Chinese subjects is stressed in this class. More learning activities are used to help increase vocabulary and do grammar exercises. Proficiency in speaking and Chinese culture awareness continue. Technology to assist in learning Chinese is addressed. By the end of the course, students will be able to read newspaper, short articles, ads, and tell stories in the target language.

Grades 10-12

1.0 credit

World Languages (continued)

SPANISH

When students study Spanish they are learning a language that is very much alive in the United States through a rapidly increasing Latino population. Furthermore, Spanish is the official language of 20 countries of the world. Both English and Spanish share common Latin roots. Knowledge of Spanish will prepare students for the increasingly multicultural society in which we live.

Spanish I

Full Year

This course is open to students with little or no experience in Spanish. Spanish I is proficiency-oriented, based on an integrative approach to the four basic skills: listening, speaking, reading, and writing. Emphasis is given to developing communication skills through interaction among students and between students and teacher. Material is also presented to develop an appreciation of Hispanic cultures.

Grade 9

1.0 credit

Spanish II

Full Year

Prerequisite: At least a C average in Spanish I

This course builds on the material learned previously by reviewing key grammatical points and adding to basic vocabulary themes presented in first-year Spanish. Communicative activities continue to be an important aspect of learning to use the language for real-life situations within appropriate cultural contexts.

Grade 9

1.0 credit

Spanish III

Full Year

Prerequisite: At least a C average in Spanish II

In this course students are encouraged to begin to express their own thoughts without solely relying on memorized material. Key grammatical structures are taught to enhance clear and effective communication. Through short reading selections students will continue to develop greater cultural understanding. Spanish III is an important step to help students enlarge upon the basic material learned in levels 1 and 2.

Grade 10 & 11

1.0 credit

AP Spanish/Spanish IV

Full Year

Prerequisite: *At least a C average in Spanish III*

In this course there will be a review of advanced grammar and a continued emphasis on building vocabulary through the use of authentic materials including modern Spanish short stories, newspapers, magazines, films and the Internet. Students will draw on previously learned skills of listening, speaking, reading, and writing with the goal of achieving proficiency in Spanish.

Grade 12

1.0 credit

Additional Electives

General Acting

Semester 1

Students explore the art of acting in a theater setting. In this semester-long course, students will learn many techniques for actors and apply them through a variety of in-class activities and final scene performance.

Grades 9-12

0.1 credit

Community Service

Semester 1 and/or 2

Gives opportunities for students to become active in their community and church. Students will receive course credit for volunteering in their community and/or church. Students choose their area to volunteer and give 15 hours of service a marking period. Students will also be required to keep a journal of their experience.

Grades 9-12

0.2 credit per semester

Internship

Full year

Students interested in a particular career will complete either a full year of internship service at one work place related to that career or two semesters of internship at two different work places related to that career. Student interns will gain a deeper understanding of what that particular career entails. This program will help students solidify their major and career paths before entering post-secondary school education/fields.

Grade 12

1.0 credit

Student Tutoring

Semester 1 and/or 2

Prerequisites: *Student tutors must maintain a 90% or higher average in the subject being tutored.*

This elective is designed to give course credit to those students who are academically strong in a certain subject area and who desire to be peer tutors. These students will meet one 45 minute period per week with an Elementary School, Middle School or High School student for tutoring sessions. Student tutors will learn how to do simple lesson plans and acquire teaching skills as they tutor other students. Student tutors will be required to keep a journal of their experience.

Grades 9-12

0.1 credit per semester

Shadowing

Semester 1 and/or 2

Students will find and visit two different work places in which they have an interest in pursuing a career (four if choosing this elective for two semesters). At least three (3) hours must be spent "shadowing" someone at each site. Student should take notes as they are shadowing an individual at any given establishment (recording observations, jotting down personal thoughts, asking appropriate questions, writing down responses, etc.).

Grades 11-12

0.2 credit per semester

Additional Electives (continued)

Teacher Assistance

Semester 1 and/or 2

This course gives students, interested in a teaching career, an opportunity to learn more about this field through assisting our teachers in the elementary grades. Students will volunteer with an elementary teacher twice a week during the school year. They will perform various tasks from grading papers to helping students when needed. Responsibilities will vary from teacher to teacher. Students will be required to keep a journal of their experience. Note that there are limited slots available for this elective and that first choice will be given to upperclassmen.

Grades 9-12

0.1 credit per semester

Dual Enrollment

Eastern Mennonite University

Online dual enrollment courses taught by Eastern Mennonite University professors.

Theatre and Justice

Theatre is one of many powerful tools used to address injustice in the world. In this course, students will research and analyze various theatre artists, dramatic literature, productions and theorists that use Theatre as their medium for change in the world. Particular emphasis will be on identifying the actors and the stage that comprise the Theatre of social and other online communities.

Required Textbook: *Engaging Performance: Theatre as Call and Response*

Students must register with EMU and pay a fee for 3 college credits and technology.

Elementary Statistics

This course provides an introduction to descriptive and inferential statistics as applied to understanding research. Topics include correlation, normal distributions, confidence intervals, and hypothesis testing. Google Sheets will be introduced and used throughout the course. Guidance counselor approval of mathematical competency required.

Required Textbook: *Introduction to Statistics: The Online E-Book*

Students must register with EMU and pay a fee for 3 college credits and technology.

Messiah College

Classes meet face-to-face at Messiah campus one day per week (50 minutes if class is on a Monday, Wednesday or Friday; 75 minutes if class is on Tuesday or Thursday) with additional instruction online. All classes begin at 8:00 am. To be eligible for dual enrollment, students must be at least 15 years old, demonstrate a cumulative GPA of 3.0 or better, and have completed their sophomore year in high school. Students must register with Messiah. Dual enrollment tuition is \$150 per credit hour.

Offered Courses

ENGL 160 Introduction to World Literature

PHIL 101 Problems in Philosophy

PSYC 101 Introduction to Psychology

MUTH 101 Music Theory I

COMM 105 Fundamentals of Oral Communication

LATN 101 Fundamentals of Latin I

Dual Enrollment (continued)

Harrisburg University

Classes meet face-to-face at Harrisburg University. To be eligible for dual enrollment, students must demonstrate a cumulative GPA of 2.7 or higher, be at least a sophomore in high school and have approval from LM Hershey Campus. Students must apply through LM Hershey Campus.

Go to <http://harrisburgu.edu/dual-enrollment/> for a full list of course offerings and tuition costs.

Harrisburg Area Community College

Classes meet face-to-face at HACC or online. To be eligible for dual enrollment, students must be at least a junior in high school. Student should see the LM Hershey Campus school counselor for an application. Dual enrollment tuition is \$100 per credit.

Students participating in dual enrollment may enroll in credit courses at the 100-level or higher (some courses may require placement testing and/or pre-requisites). Dual enrollment students may not take developmental coursework (classes below 100 level). Go to <http://www.hacc.edu/ProgramsandCourses/CourseCatalog/index.cfm> for a complete Course Catalog.

Advanced Placement Offerings - Online

Students have the opportunity to take AP courses online through APEX. Lancaster Mennonite will cover the cost of these courses.

Yearlong Courses (1 credit)

AP Biology
AP English Language & Composition
AP English Literature & Composition
AP Statistics
AP US History

Semester Courses (0.5 credit)

AP Macroeconomics
AP Microeconomics
AP Psychology
AP US Government & Politics

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