Alden-Hebron High School Curriculum Guide

2020 - 2021

Alden-Hebron School District #19, in partnership with our community, will educate and inspire our students to reach their individual potential enabling them to be responsible members of society.

Alden-Hebron High School
Curriculum Guide

Alden-Hebron High School will enable every student the opportunity for personal growth and academic success now and in the future.

At Alden-Hebron High School we believe:

- **That success derives from personal initiative with support and open communication from the teachers, parents and the community.**
- **It is important to provide rigorous, relevant and hands-on experiences to promote life-long learning.**
- **Provide a respectful, responsible, and safe school enables are learners to obtain their full potential.**

Alden-Hebron District 19 insures that equal educational opportunities are offered to students, regardless of race, color, national origin, age, sex, religion, or handicap.
Questions in reference to educational opportunities may be directed to the superintendent at the following address and phone number:

Alden-Hebron High School
9604 Illinois Street
Hebron, Illinois 60034
(815) 648-2442
(815) 648-2339 (fax)

District Administration
Dr. Debbie Ehlenburg, Interim Superintendent of Schools
Mrs.Tiffany Elswick, Assistant Superintendent of Schools

High School Administration
Mr. Tim Hayunga, Principal

Student Support Services Staff
Katie Beck, Special Education Coordinator
Nicole Brosh, School Social Worker
Diana Long, Occupational Therapist
Melissa Metzger, School Psychologist
Blake Self, Speech/Language Pathologist
Bria Spiniolas, School Nurse
Davina VanderPal, Academic Advisor

TABLE OF CONTENTS

Alden-Hebron High School Mission Statement 2
District #19 Contact Information 2
Table of Contents 3
What is a Curriculum Guide and How to Use It? 4
Graduation Requirements 5
Class Standing 6
Grading System 6
Grading Scales 6
Honors Courses 7
GPA and Class Rank Information 7
Transfer of Honors/Weighted Courses 7
AP Program 7
Course Placement 7
Four Year Educational Plan 7
Graduation Credit Checks 8-10
Pupil Course Load 11
Academic Eligibility 11
National Honors Society 11
Schedule Changes 11
Pass-Fail Course Option 12
Correspondence Classes 12
NCAA Core Course Requirements 12-13
College Planning Guidelines and Resources 14
Yearly Checklists for Parents 15-17
Websites of Interest for Parents and Students 17-19
Additional Courses 20
McHenry County Tech Prep Programs 20
Lake County Technology Campus 20
Course Offerings 21-23
Course Descriptions by Subject Area
Art Courses 24-25
Business Courses 25-27
English Courses 28-30
Foreign Language Courses 31
Mathematics Courses 32-33
Music and Theater Courses 34-35
Physical Education and Driver's Education Courses 36-37
Science Courses 38-40
Social Studies Courses 39-40
Service Learning 40
Advanced Placement Courses 41
Lake County High School Technology Campus Courses 41-47
McHenry County College – High School Plus Curriculum/Articulated Courses 48-49
Career Cluster Plans of Study 50
Agriculture, Food, and Natural Resources *51*
Architecture and Construction *52*
Arts, A/V Technology, & Communications *53*
Business, Management and Administration *54*
Education and Training *55*
Finance *56*
Government & Public Administration *57*

Health Science *58*
Hospitality & Tourism *59*
Human Services *60*
Information Technology *61*
Law, Public Safety, Corrections & Security *62*
Manufacturing *63*
Marketing, Sales & Service *64*
Science, Technology, Engineering & Mathematics *65*
Transportation, Distribution & Logistics *66*

WHAT IS A CURRICULUM GUIDE AND HOW CAN I USE THIS DOCUMENT?

This guide is provided to assist students in planning their high school education and in choosing courses for the school year. In the following pages you will find information concerning course offerings and the requirements needed to graduate from Alden-Hebron High School. If you have any questions or concerns, please contact the advisor or the principal.

Remember, these high school years are yours and yours alone. What you do with them will affect your life. The courses you take in high school are the keys to unlock the doors to your future. The challenge is to take the proper combination of basic courses and specific electives to be prepared for your particular career goals. The courses you choose should meet YOUR goals. IT'S YOUR FUTURE!

Disclaimer: Alden-Hebron High School makes every effort to ensure that information in this Curriculum Guide is accurate and current. However, AHHS reserves the right to make corrections / changes to the contents of this guide.

GRADUATION REQUIREMENTS (Class of 2021-2023)

Students in the classes 2021-2023 must earn a minimum of 23 credits to graduate from Alden-Hebron High School. Most students, however, graduate with 28 or more credits. Each semester grade of 70% or higher will earn a 1/2 credit. Each student must complete eight semesters of high school study. The following list is the subject requirement breakdown.

Course	Credits	Year(s) Taken
English	4	9, 10, 11, 12
Mathematics 1 credit must be Alg. I	3	9, 10, 11, 12
Science 1 credit must be Biology	2	9, 10, 11, 12
Social Studies 1 US History, .5 Civics/Government, & .5 Consumer Ec./ Personal Finance	3	9, 11, 12
Physical Education	3.5	9, 10, 11, 12
Health	.5	10
Electives	7	9, 10, 11, 12
Driver's Education Classroom	Requirement	10, 11, 12
Total Credits Needed to Graduate:	23	

GRADUATION REQUIREMENTS (Beginning with the class of 2024)

Starting with the class of 2024: Students will need 24 credits to graduate from high school. Most students, however, graduate with 28 or more credits. Each semester grade of 70% or higher will earn a 1/2 credit. Each student must complete eight semesters of high school study. The following list is the subject requirement breakdown.

Course	Credits	Year(s) Taken
English	4	9, 10, 11, 12
Mathematics 1 credit must be Alg. I	3	9, 10, 11, 12
Science 1 credit must be Biology	2	9, 10, 11, 12
Social Studies 1 US History, 5 Civics/Government, & .5 Consumer Ec./Personal Finance	3	9, 11, 12
Physical Education	3.5	9, 10, 11, 12
Health	.5	10
Keyboarding	1	9
Electives	7	9, 10, 11, 12
Driver's Education Classroom	Requirement	10, 11, 12
Total Credits Needed to Graduate:	24	

CLASS STANDING

A student has SOPHOMORE standing when 6 or more credits are earned at the start of the academic school year. A student has JUNIOR standing when 12 credits or more are earned at the start of the academic school year. A student has SENIOR standing when 18 credits are earned at the start of the academic school year.

GRADING SYSTEM

A student receives a grade for every course taken in high school. Whether or not credit is received depends on the grade earned. The grade for a course is based on 1) daily work, 2) work habits evaluation, 3) homework, 4) tests and extra credit if allowed by the teacher. REMEMBER: students earn credit for 70% or better semester grade-no credit for a 69% or less.

Grades for college courses taken by students at MCC or LCTC are put on student's transcripts and are figured into a student's GPA at the end of each semester.

GRADING SCALES

All general classes operate on a 4.0 scale and all honors classes operate on a 5.0 scale. The current grade scales and corresponding letter grades are as follows:

Standard 4.0 Scale			Honors 5.0 Scale		
Percentage Range	**Letter Grade**	**Grade Point Equivalent**	**Percentage Range**	**Letter Grade**	**Grade Point Equivalent**
99 to 100	A+	4.33	99 to 100	A+	5.33
95 to 98	A	4.00	95 to 98	A	5.00
93 to 94	A-	3.67	93 to 94	A-	4.67
91 to 92	B+	3.33	91 to 92	B+	4.33
87 to 90	B	3.00	87 to 90	B	4.00
85 to 86	B-	2.67	85 to 86	B-	3.67
83 to 84	C+	2.33	83 to 84	C+	3.33
79 to 82	C	2.00	79 to 82	C	3.00
77 to 78	C-	1.67	77 to 78	C-	2.67
75 to 76	D+	1.33	75 to 76	D+	2.33
72 to 74	D	1.00	72 to 74	D	2.00
70 to 71	D-	.67	70 to 71	D-	1.67
0 to 69	F	0.00	0 to 69	F	0.00

HONORS COURSES

All honors classes have comprehensive semester exams to prepare students for college. No grade will be given higher than 100%.

GPA INFORMATION

GPA is calculated each semester and is determined by totaling the number of points earned and dividing by the number of courses the student is taking.

TRANSFER OF HONORS/WEIGHTED GRADES

Students transferring to Alden-Hebron High School from another high school may receive an honors grade. All other courses will be credited using the standard 4.0 grading scale. Transcripts must clearly indicate that a class had honors or weighted grade status. The grade will be converted to a letter grade and figured into the GPA using the 5.0 honors scale.

AP PROGRAM

AP classes provide students with the opportunity to pursue college-level studies while in high school. Some colleges and universities in the United States accept AP grades for college credit with specified scores achieved on the AP course exam. Current AP course offerings are limited to Calculus and classes provided by Illinois Virtual School. AP students are required to take the AP exam. Students will be responsible for additional fees, required texts, and materials. Students taking AP classes are restricted.

COURSE PLACEMENT

Please note prerequisites are required to enroll in classes, especially upper level courses.

FOUR YEAR EDUCATIONAL PLAN

The following pages illustrate a four-year high school plan for courses, both required and elective, at Alden-Hebron High School. It is intended as a guide for both parents and students. It is not intended to "lock" students into one particular path, but rather to be used (and reused) to reflect changes in a student's thinking as he/she matures. The plan can be used to prepare for higher education and to explore different career opportunities.

- The following educational plans are for your use in order to plan your classes for next year or for all four years.
- There is a line for every class, even required classes, since many times there are different levels of that class or in case a student may have transferred in to AHHS.

4 – Year High School Course Plan & Credit Check

Student:_____ Year: _____

Grad Required Courses	Grade 9		Grade 10		Grade 11		Grade 12		Total Credits
	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	
English									
Math									
Social Studies									
Science									
PE / Health									
Elective									
Elective									
Elective									
Credits Earned									

Alden-Hebron Graduation Requirements / College Entrance Requirements**:**

English = 4 credits / 4 credits
Math = 3 credits / 4 credits
Driver's Education Classroom: Yes _____ No: _____

Social Studies = 3 credits / 3-4 credits
Science = 2 credits / 3-4 credits

PE = 3.5 credits & .5 credits of Health 2+ credits Foreign Language for many colleges
Total Credits Needed: 23 (Class of 2021 - 2023)
Total Credits Needed: 24 (Class of 2024 -)

SAMPLE: GRADUATION CREDIT CHECKS (Class of 2024 -)

Student:_____

Graduation Requirements:

English

___English 1 – 1st semester
___English 1 – 2nd semester
___English 2 – 1st semester
___English 2 – 2nd semester
___English 3 – 1st semester
___English 3 – 2nd semester
___Level 4 English Course – 1st semester
___Level 4 English Course – 2nd semester

Mathematics

___Algebra 1 – 1st semester
___Algebra 1 – 2nd semester
___Geometry – 1st semester
___Geometry – 2nd semester
___Algebra II – 1st semester
___Algebra II – 2nd semester

Science

___Biology – 1st semester
___Biology – 2nd semester
___Additional Science – 1st semester
___Additional Science – 2nd semester

Driver's Education

___Driver's Education Classroom

Social Studies

___World Studies/MWS – 1st semester
___World Studies/MWS – 2nd semester
___U.S. History – 1st semester
___U.S. History – 2nd semester
___Civics / Government
___Personal Finance/Consumer Ec.

Physical Education/Health

___PE (9th grade) – 1st semester
___PE (9th grade) – 2nd semester
___PE (10th grade) – 1st or 2nd semester
___Health – 1st or 2nd semester
___PE (11th grade) – 1st semester
___PE (11th grade) – 2nd semester
___PE (12th grade) – 1st semester
___PE (12th grade) – 2nd semester

Elective Credits (7 required +1 Keyboarding)

___Keyboarding	___Keyboarding
___Elective	___Elective
___Elective	___Elective
___Elective	___Elective
___Elective	___Elective
___Elective	___Elective
___Elective	___Elective
___Elective	___Elective

Additional Notes:

_____

_____

_____

ALDEN-HEBRON GRADUATION	EXTRA *COLLEGE ENTRANCE REQUIREMENTS*
English – 4 credits	*4 credits*
Social Studies – 3 credits	*3-3.5 credits*
Math – 3 credits	*3-4 credits*
Science – 2 credits	*3-4 credits*
P.E. / Health– 3.5 credits / .5 credits	*none*
Driver's Education – (classroom is a graduation requirement)	
Elective – 7 credits *(Class of 2021-2023) Total Credits=23*	*2+ credits foreign language*
Elective – 8 credits *(Class of 2024- on) Total Credits=24*	*2+ credits foreign language*

Class of 2024 students must take Keyboarding for 2 semesters.

This sheet is due to Mrs. VanderPal on _____.

ALDEN-HEBRON HIGH SCHOOL
(((SAMPLE))) FRESHMEN SELECTION SHEET

Name: _____Grade:_____

Email Address: _____

(*IMPORTANT*: A minimum of 7 credit hours must be selected (maximum of 1 study hall per semester) – teacher recommendations will weigh heavily to determine final placement in some areas. Please note: you must earn 4 credits (pass 8 semester classes) to be eligible to take Driver's Education (a graduation requirement).

Possible Career Interest(s):

_____

Please note: **Courses may be scheduled in alternate semesters. Also, class periods are NOT depicted below.**

Semester 1	Semester 2
Eng.: ***English I***	Eng.: ***English I***
Math: ***Algebra I*** *or* ***Geometry***	Math: ***Algebra I*** *or* ***Geometry***
Sci. ***Physical Science*** *or* ***Biology***	Sci.: ***Physical Science*** *or* ***Biology***
S.S.: ***World Studies*** *or* ***MWS***	S.S.: ***World Studies*** *or* ***MWS***
PE: ***P.E.*** *or* ***Strength/Conditioning***	PE: ***P.E.*** *or* ***Strength/Conditioning***
Elective: **Keyboarding**	Elective: **Keyboarding**
1st Choice Elective:	1st Choice Elective:
2nd Choice Elective:	2nd Choice Elective:

Driver's Education: Complete____ Will be taking at AHHS ____ Will be taking privately____
**You must provide documentation of completion to the Academic Advisor.*

To indicate your approval for the above selected courses, please sign in the spaces provided:

Student Signature:_____

Parent Signature:_____

PUPIL COURSE LOAD

Students will be allowed to schedule *only one study hall* per semester unless circumstances warrant otherwise (for example, taking an online course).

ACADEMIC ELIGIBILITY

In order to be eligible to participate in any school-sponsored or school supported athletic or extracurricular activity, a student must maintain a passing grade (or a minimum of 70%) in each course in which the student is enrolled. Any student involved in the athletic program and not passing all classes at the end of a semester would be ineligible for the first two weeks of competition of the ensuing semester. After the second week of eligibility, if the student is failing any one class, he/she will become ineligible for the remainder of the semester. This rule does not apply to incoming freshman in the fall semester.

On Wednesday of each week, a check of a student-athlete's academic eligibility will be made with their teachers. The student-athlete must be passing all classes at that time, or they will be declared ineligible in athletics for the following week of school, Monday through Sunday. Eligibility will begin as soon as the sport's season is underway. However, eligibility is only in effect for weeks in which competition is scheduled. Athletes will be expected to practice and support their teammates at all events during their ineligible period. The building principal will pull grades from each staff member's gradebook on Wed. of each week. If a teacher feels that a student has shown substantial progress, but is still failing, the teacher may override ineligibility.

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NATIONAL HONOR SOCIETY

The National Honor Society is an organization that promotes leadership, creates enthusiasm for scholarship, stimulates the desire to render service, and develops character in high school students. Students are eligible their sophomore through senior year, must have a cumulative grade point average of 3.4, and apply for membership. The faculty council, with input from faculty, will determine who will be selected for membership. The annual induction banquet is held in April every year.

SCHEDULE CHANGES

Select your courses carefully. Once the master schedule is built, teachers are assigned and materials are purchased based upon student course selections. Schedule changes will be limited to the following:

- The academic advisor or school administrator may recommend a change due to failing classes, not meeting prerequisites, college admissions requirements, graduation requirements, IEP requirements, errors in a student's schedule, and/or conflicts between classes.
- The student and/or his/her parent/guardian may request a schedule change by the conclusion of the current academic school year. All schedule changes require parent approval. Students may not change their schedules in order to switch teachers, change their study hall or P.E., or to be in a class with friends. Be advised that some changes may be rejected if: a section is full, sections become unbalanced, the reason for changing is not based on enrolling in a required course, or the changes are not possible via the Master Schedule.
- All schedule changes must be handled through the Academic Advisor office and approved by the building principal.

PASS-FAIL COURSE OPTION

In order to encourage students to take difficult courses that could lower class rank or grade point average, a pass-fail option is offered with the following guidelines. This option is offered only to students with Junior or Senior class standing.

- *Only one elective course per semester may be taken on a pass-fail basis.*
- *All course prerequisites remain in force.*
- *Students will be subject to the same grading standards as any other students in the class. The grade will be reported as P or F on the report card.*
- *A passing grade will count for credit towards graduation. However, the pass/fail grade will not affect grade point averaging or honor roll status.*
- *Parental consent is required for the pass/fail option.*
- *Deadline for electing the pass-fail option is the third week of the semester.*
- *All work must be completed to maintain the P/F option. If work is not completed, a percentage grade will be issued.*
- *Students electing the pass-fail option are encouraged to find out in advance how pass/fail grades will be treated by the college they plan to attend.*

CORRESPONDENCE COURSES

A student enrolled in a correspondence course may receive high school credit for work completed, provided:

- The course is not offered at the high school or has been previously failed by the student.
- The course is given by an institution approved by the district (IVS)
- The student is a fourth or fifth year senior OR the student has failed a courses two times with the same instructor.
- The student resumes responsibility for all fees (excluding AP approved courses).
- The building principal approves the course in advance.
- Courses taken by correspondence receive a letter grade on a student's transcript. Credit Recovery courses will be issued a P (pass) or F (fail).
- **All seniors in a correspondence course or other approved course must have completed the final exam and sent it in for grading one month before graduation or by May 1 in order to participate in the ceremony.**

Students should remember that correspondence courses are time-consuming and require careful budgeting of time. The correspondence course final exam must be completed prior to end of the semester.

NCAA CORE COURSE REQUIREMENTS

The NCAA Eligibility Center is the National Collegiate Athletic Association (NCAA) and serves as an athletics governing body for many colleges and universities. The NCAA sets guidelines that students must meet in order to be eligible for an NCAA Athletic Division I or Division II

scholarship. The guidelines include what high school courses must be taken, what GPA must be attained and what ACT or SAT score must be achieved. Students interested in playing Division I or II sports in college must meet with the Advisor Department and their coaches as soon as possible- preferably freshmen year to help monitor eligibility.

Division I

If you want to participate in Division I athletics or receive an athletics scholarship during your first year of college, you must:

- Graduate from high school in 4 years;
- Complete these 16 core courses:
    - 4 years of English
    - 3 years of mathematics (Algebra I or higher)
    - 2 years of natural/physical science (including one year of lab science if offered by your high school)
    - 1 extra year of English, mathematics or natural/physical science
    - 2 years of social studies
    - 4 years of extra core courses (from any category above or foreign language)
- Earn a minimum required grade-point average in these core courses; and
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale

Division II

If you enroll in a Division II college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school in 4 years;
- Complete these 16 core courses:
    - 3 years of English
    - 2 years of mathematics (Algebra I or higher)
    - 2 years of natural/physical science (including one year of lab science if offered by your high school)
    - 3 additional years of English, mathematics or natural/physical science
    - 2 years of social studies
    - 4 years of extra core courses (from any category above or foreign language)
- Earn a 2.000 grade-point average or better in your core courses; and
- Earn a combined SAT of 820 or ACT sum score of 68

Meeting NCAA admission requirements does not guarantee admission into the college – it simply determines whether students may participate in athletics during their freshman year. Students must follow each member college's admission policies and apply directly to that college. Please consult the NCAA Clearinghouse website at www.ncaaclearinghouse.net to determine if your courses meet the core course requirements or if you have any other questions.

COLLEGE PLANNING GUIDELINES AND RESOURCES

Guidelines change each year and are general in nature. Specific courses accepted vary with each college and university. Students must always consult the website of the college they plan to attend. The Board of Higher Education has established statewide minimum admission standards for Illinois public colleges and universities. The law permits redistribution of 1 credit from any area except English. Since admission requirements vary, it is up to the student to make sure they are meeting specific requirements by checking with each college. These **minimum requirements** have been adopted to help high school students improve their academic preparation for baccalaureate degree programs.

- As a general guideline, the following pattern is **recommended** for college-bound students and is depended upon what field of study he/she plans to pursue:
    - English – 4 credits
    - Social Studies – 3-4 credits, including Civics/Gov. and US History
    - Mathematics – 3-4 credits, including Algebra I & II and Geometry
    - Science (Lab) – 3-4 credits, including Biology, Chemistry and Physics
    - International Language – 2 credits (minimum) of the same language
        - Colleges that require foreign language will usually only accept a "C" or better – please consult the college catalogs
        - It is possible that a college may not require International Language for admission, but may require it for graduation
        - Some Fine Arts colleges may accept music, art, or vocational education in the place of International Language
- Taking more classes than recommended above in these areas can make students more competitive in the college admissions process
- The difficulty level of high school courses as well as GPA, class rank, school activities, community service and SAT scores are important in the college admission process
- Departments within each college may have individual requirements that must be fulfilled – Again, consult the college or university's website or catalog
- Not all universities recognize the same courses for entrance. For instance, some schools may not recognize Yearbook or Physical Science as meeting specific course pattern requirements and other schools m ay accept these courses for entrance
- Applications for colleges and universities are available online at the college websites

OVERVIEW OF THE COLLEGE POST-SECONDARY OPTION

YEARLY CHECKLISTS TO HELP PREPARE YOU FOR LIFE AFTER HIGH SCHOOL

Every Year:

- ☑ Take challenging classes in core academic subjects. Most colleges require 4 years of English, at least 3 years of social studies, 3-4 years of mathematics, 3 years of science, and many require 2 years of a foreign language. Round out your course load with classes in computer science and the arts.
- ☑ Stay involved in school- or community-based activities that interest you or let you explore career interests. Consider working or volunteering. Remember- it is quality (not quantity) that counts.
- ☑ Build your credentials. Keep track of academic and extracurricular awards, community services achievements, and anything else you participate in, so it'll be easier to remember later. It will come in handy when you want to highlight your accomplishments – such as when you're filling out college applications, applying for scholarships, or creating a resume.
- ☑ Talk to your school advisor and other mentors about education after high school. Your advisor can answer questions about what classes to take in high school, how to sign up for standardized tests, and where to get money for college.

Grade 9:

- ☑ PSAT 8/9 is taken. It also releases your name to colleges so you can start receiving brochures and information from them.
- ☑ Start aligning course scheduling with career goals. Students interested in ***highly selective colleges*** or wanting to participate in Division I or II college sports need to make sure they are meeting entrance requirements as early as their freshman year.
- ☑ Make the grade. Get off to a good start with your grades because they will impact your GPA and class rank. Although college seems like a long way off right now, grades really do count toward college admission and scholarships.
- ☑ Explore careers and colleges and check out scholarships. (Some essay contest scholarships are available as early as middle school.)
- ☑ Developing your reading skills will help prepare you for tests and make you a well-rounded individual.

☑ Practice your writing because you'll need good writing skills no matter what path you pursue. Find a teacher or another adult who can advise and encourage you to write well.

Grade 10:

☑ Start getting ready for the SAT. PSAT10/NMSQT test is offered. ("Practice" SAT and National Merit Scholarship Qualifying Test)

☑ PSAT10 test is taken.

☑ All sophomores take the ASVAB.

☑ Continue exploring various careers as well as colleges and scholarship opportunities.

☑ Begin gathering college information. Go to college fairs, attend college nights, meet with college representatives in the cafeteria, and visit colleges (special visit days often occur on holidays or during the summer) and check out scholarships.

☑ Stay on track with your courses and grades.

☑ Begin learning about the college admissions process by getting familiar with general college entrance requirements.

Grade 11:

☑ Students take the SAT. Students may need to re-take the SAT or take the ACT at their own cost to try to obtain a higher score.

☑ Continue gathering college information. Go to college fairs, attend college nights, meet with college representatives in the cafeteria, and visit colleges (special visit days often occur on holidays or during the summer) and check out scholarships.

☑ Evaluate your education options by deciding whether you want to pursue full-time employment, further education or training, or a military career.

☑ Make a college list that includes schools that meet your most important criteria (for example: size, location, cost, academic majors, or special programs). Weigh each of the factors according to their importance to you and develop a preliminary ranking of the schools on your list.

☑ Make sure you're meeting any special requirements (for example, if you want to play Division I or II sports in college).

Grade 12:

- ☑ All seniors take the ASVAB.
- ☑ Take/re-take the ACT or SAT first semester if students want to raise scores.
- ☑ Students interested in playing sports in college need to register with the NCAA and contact athletic departments at colleges of interest.
- ☑ Apply to colleges early. Aim to have applications out by mid-November. (Make copies of all information sent out!)
- ☑ Check for scholarship opportunities on a regular basis. Scholarship information is posted monthly outside the Main Office and is readily available on the advisor website.
- ☑ Ask for letters of recommendation.
- ☑ MUST fill out the FAFSA as soon after October 1st as you can. Take advantage of various financial aid workshops to assist you.
- ☑ Fill out college financial aid application and check deadline dates.
- ☑ Notify colleges that have accepted you with *your decision by May 1st*.

WEB SITES OF INTEREST TO PARENTS AND STUDENTS

Listed below are helpful websites for parents and students to visit in preparation for entrance into college.

www.careercruising.com

Username: aldenhebron Password: giants

Use CareerCruising as a research tool to help find colleges, careers, and majors that work for you. Take their interest inventories & surveys to help discover a unique path for you.

www.collegeboard.com

Using this website, students can register for the SAT. This website also offers guidance on finding a college, applying to a college, and paying for college.

www.college-scholarships.com/illinois.htm

Click on the links listed on this website for comprehensive information on Illinois colleges, universities, career colleges, technical colleges, vocational colleges, technical schools, vocational schools, and online degree programs. This site also offers information on applying for a number of scholarships available to students.

www.ecampustours.com

Visit this website to take an online tour of many major universities. Create an online portfolio of articles about college planning, campus life, financial aid, and career exploration. Contact college admissions offices through the online virtual tours.

www.eligibilitycenter.org

Student-athletes must register with the NCAA Eligibility Center to be eligible to play NCAA Division I or II sports in college. Athletes playing in Division III do not have to register. **The NCAA Eligibility Center certifies whether prospective college athletes are eligible to play sports at NCAA Division I or II institutions.** It does this by reviewing the student-athlete's academic record, SAT® or ACT scores, and amateur status to ensure conformity with NCAA rules.

www.fafsa.ed.gov

Find answers to all of your federal student aid questions at this website. Apply for a PIN number and information about documents and deadlines you need to know about ahead of time. Then, complete your FAFSA forms online and return to this site to check the status of your application, make corrections, or get additional information.

www.fastweb.com

Students can take a detailed survey about themselves here, and, upon completion, the results generate a personalized suite of scholarships, colleges, internships, and jobs available to them.

www.finaid.org

Visit this website to find a plethora of important financial aid information, including information on scholarships, loans, college savings plans, and military aid.

www.isac.org

The Illinois Student Assistance Commission's goal is to make college accessible and affordable for Illinois students. ISAC's college access and outreach activities are focused on helping families navigate the numerous steps involved in career and college planning as well as finding, applying to and paying for college. These activities provide tremendous support to improving the high school to college transition for students in need.

www.ncaaclearinghouse.net

If you are a prospective student-athlete, looking to participate in intercollegiate athletics at an NCAA Division I or Division II institution in the future, then apply for eligibility at this website.

www.number2.com

Sign up for a free account and begin your ACT Prep for FREE! Students can take full practice exams or specify if they'd rather see specific subject area practice questions (such as geometry questions from the math section). Students can also read ACT tips and tricks, as well as read explanations for each practice question's correct answer.

www.princetonreview.com

Test preparation and information about the SAT and ACT is available via online courses, classroom courses, books, and free practice tools through this website.

www.whatsnextillinois.org

Students can find anything they need to plan, apply, and go to the college or university of their choice! Students can begin planning in high school for their future education, and also careers.

ADDITIONAL COURSES

MCHENRY COUNTY COLLEGE'S PARTNERSHIPS FOR COLLEGE AND CAREER SUCCESS (PCCS) PROGRAMS

The Partnership for College and Career Success (PCCS) is a sequence of study beginning in high school that may continue through post-secondary training. The program prepares students for high-skill technical or business occupations. It allows graduates either direct entry into the workplace or continuation to a college for a two- or four- year degree. The program integrates academic and occupational subjects.

Based on the mutual concern for the continued growth of students pursuing continued education, and in an effort to provide a continuing program that builds on past learning experience and eliminates duplication of instruction, Alden-Hebron High School has an articulation agreement setup with McHenry County College. Articulation agreements with McHenry County College are in effect for a variety of courses. Students who follow a PCCS program sequence or take articulated courses at AHHS may be granted college credit. Students who earn an A, B, or C will be granted college credit for Keyboarding II and Accounting II classes. The student must be enrolled in MCC within 27 months following graduation, and is responsible for the appropriate paper work. Each class will be worth three credit hours and will be free to the student. See the Vocational Director for more information on designated PCCS program course sequences and requirements.

LAKE COUNTY TECHNOLOGY CAMPUS (3 CREDITS PER YEAR)*

Eligibility for Lake County will be determined by credit standing and teacher recommendations. Excessive absences from Alden-Hebron High School the previous school year will also be used to determine a student's eligibility to register for Lake County Technical Campus. Excessive absences (10% or more of school days) will result in the student being excluded from Tech Campus classes. Any student attending the Tech Campus or other off-campus training centers will have limited course selection at AHHS. All graduation course requirements must be met. With the successful completion of Technology Campus classes, students may receive college credit at the College of Lake County by continuing in the program area.

**STUDENTS ARE ABLE TO TAKE FOUR COURSES AT AHHS WHILE ATTENDING THE LCTC AND SIX COURSES WHILE ATTENDING MCC. REQUIRED COURSES ARE SCHEDULED BEFORE ELECTIVES.*

Courses Offered Grades 9 – 12

This section is provided to give students and parents a listing of the courses offered by subject area. The **course title, grade weighting, year(s) offered and credit** are indicated. Not all courses are offered every year. Following this section, a description of all courses is given.

Courses		Grade Weight	9th	10th	11th	12th	Credit
Art Curriculum							
	Art Fundamentals I & II	4.0	X	X	X	X	1.0
	Digital Art	4.0	X	X	X	X	.5
	Graphic Design	4.0	X	X	X	X	.5
	Drawing	4.0	X	X	X	X	.5
	Painting	4.0	X	X	X	X	.5
	Advanced Art I & II	4.0		X	X	X	1.0
Business Curriculum							
	Keyboarding I-AOM101 (dual)	4.0	X	X	X	X	1.0
	Keyboarding II-AOM102 (articulated)	5.0	X	X	X	X	1.0
	Computer Applications-CDM110 (dual)	5.0		X	X	X	1.0
	Business Concepts	4.0	X	X	X	X	1.0
	Accounting I-ACC110 (dual)	5.0		X	X	X	1.0
	Accounting II-ACC151 (articulated)	5.0			X	X	1.0
	Internship	4.0			X	X	1.0
English Curriculum							
	English I	4.0	X				1.0
	English II	4.0		X			1.0
	English III	4.0			X		1.0
	English III Honors	5.0			X		1.0
	English IV/British Literature Honors	5.0				X	1.0
	Literature Into Film	4.0			X	X	.5
	Creative Writing	4.0			X	X	.5
	College Composition	5.0				X	1.0
Foreign Language Curriculum							
	Spanish I	4.0	X	X	X	X	1.0
	Spanish II	4.0		X	X	X	1.0
	Spanish III	4.0			X	X	1.0
Mathematics Curriculum							
	Algebra I	4.0	X	X			1.0
	Geometry	4.0		X	X		1.0
	Algebra II	4.0		X	X	X	1.0
	Pre-Calculus	5.0			X	X	1.0
	Transitional Math-TM001	4.0				X	1.0
	AP Calculus	5.0				X	1.0

Music Curriculum							
	Band	4.0	X	X	X	X	.5
	Chorus	4.0	X	X	X	X	.5
Physical Education and Driver's Education Curriculum							
	Physical Education	4.0	X	X	X	X	.5
	Strength and Conditioning	4.0	X	X	X	X	.5
	Health	4.0		X			.5
	Driver's Education	4.0		X	X	X	.5
Science Curriculum							
	Physical Science	4.0	X	X	X	X	1.0
	Biology	4.0	X	X	X	X	1.0
	Anatomy/ Physiology	4.0			X	X	1.0
	Earth Science	4.0			X	X	1.0
	Chemistry	4.0		X	X	X	1.0
	Physics	5.0			X	X	1.0
Social Studies Curriculum							
	World Studies	4.0	X	X			1.0
	U.S. History	4.0			X		1.0
	U.S. History Honors	5.0			X		1.0
	Psychology	5.0		X	X	X	.5
	Sociology	5.0		X	X	X	.5
	Modern World Studies	4.0	X	X	X	X	1.0
	Civics / Government	4.0				X	.5
	Personal Finance/Consumer Ec.	4.0				X	.5
Additional Courses							
	Service Learning	4.0		X	X	X	.5
	Illinois Virtual Schools (AP) MCC (Dual Credit)	5.0			X	X	.5
Lake County High Schools Technology Campus Curriculum							
	Automotive Collision Repair I/II	4.0			X	X	3.0
	Automotive Service I/II	4.0			X	X	3.0
	Certified Nurse Assisting	4.0				X	3.0
	Computer Support Services I/II	4.0			X	X	3.0
	Construction Skills & Management	4.0			X	X	3.0
	Cosmetology	4.0			X	X	4.0
	Criminal Justice	4.0			X	X	3.0
	Culinary Arts I/II	4.0			X	X	3.0
	Early Education & Teaching I/II	4.0			X	X	3.0
	Emergency Medical Services	4.0			X	X	3.0
	Fire Fighting	4.0			X	X	3.0
	3D Gaming & Cybersecurity	4.0			X	X	3.0
	Machining Technology	4.0			X	X	3.0
	Law Enforcement & CSI	4.0			X	X	3.0
	Robotics & Automation	4.0			X	X	3.0

	Medical Assisting I/II	4.0			X	X	3.0
	Multimedia Design	4.0			X	X	3.0
	Biomedical Science	4.0			X	X	3.0
	Laser Technology	4.0			X	X	3.0
	PLTW	4.0			X	X	3.0
	Game Programming/Virtualization	4.0			X	X	3.0
	Welding/Fabrication I/II	4.0			X	X	3.0
MCC Partnership for College & Career (PCCS)							
	Automotive Technology	4.0			X	X	8
	Criminal Justice	4.0			X	X	2/3
	Culinary Management	4.0			X	X	7
	Early Childhood Education	4.0			X	X	3
	Fire Science Technician	4.0			X	X	2/3
	Nursing Assistant Program	4.0			X	X	9

ART COURSES

Art Fundamentals I (Fall) & Art Fundamentals II (Spring)

.5 CREDIT per semester—OPEN TO: 9-12

This yearlong course focuses on the elements and principles of art fundamentals, art history, and communication through art. Students explore the basic elements of art: line, shape, value, space, color, form and texture and be able to apply the fundamental principles of design in their artwork. Students will create a variety of projects while exploring the use of various art media including collage, graphite, oil pastels, painting and sculpture. No prior art experience required.

Computer: Digital Art (Fall)

.5 CREDIT—OPEN TO: 9-12

This course will explore both historical and current practices of digital photography and art creation. Students will create artwork with different computer art programs and applications. Students will also explore self-portrait, animation, gifs, Photoshop and digital art installations. Art projects will be printed and/or display on the web. No prior art experience required.

Computer: Graphic Design (Spring)

.5 CREDIT—OPEN TO: 9-12

This course will explore the principles of design and typography to create advertisements, magazine layouts, logo design and design layout. Students will create artwork with different computer art programs and applications. Design projects will be printed and/or display on the web. No prior art experience required

2D Art: Drawing (Fall)

.5 CREDIT—OPEN TO: 9-12

This course will explore different drawing techniques and art styles. Students will learn about and experiment with a variety of drawing media including colored pencils, charcoal, and graphic pencils. Students will investigate different themes of self-portraiture, memoir, nature, and social commentary. No prior art experience required.

2D Art: Painting (Spring)

.5 CREDIT—OPEN TO: 9-12

This course will explore different painting concepts for tempera paint, acrylic paint, watercolor paint, oil paints and mixed media. Students will learn about color theory and color mixing. Student will create a variety of different artworks and learn about a variety of artists. No prior art experience required.

Advanced Art I (Fall) & Advanced Art II (Spring)

.5 CREDIT per semester—OPEN TO: 10-12
PREREQUISITE: Students must obtain teacher approval.

This course is for the serious artist, looking to create an art portfolio. Students will explore a 2-dimensional art creation in greater detail with a variety of art media. Students will learn about a various contemporary artists, sustainable art creation and will maintain a sketchbook throughout the course. During the spring semester, the students will work towards an independent study project to create artwork for an End of Year Student Art Show. Prerequisite: Art Fundamentals I & II or two semesters of an art course.

BUSINESS COURSES

Business Concepts

1 CREDIT—OPEN TO: 9-11

This yearlong introduction to business course is designed to give students insight into the characteristics, organization, and operation of businesses. Students will study units on marketing, management, business operations, banking, insurance, credit, and human resources. Class also includes a six week online business simulation.

Keyboarding I (Fall)

OPEN TO: 9-12
(Must take both semesters to earn MCC Dual Credit- AOM101)

This semester course is designed to develop sufficient skill in the operation of the computer so that it will be of both personal and vocational value to the students. Review of keyboard and proper technique will be reviewed. Students are taught how to arrange and type detailed memos, outlines, tables, columnar reports, and business letters. Students will be expected to complete major projects individually and as a member of a team.

Keyboarding II (Spring)

OPEN TO: 9-12
(Must take Keyboarding I Fall semester to earn Articulated Credit- AOM102)

This semester course will review skills obtained in Keyboarding I. Advanced skills in preparing letters, envelopes, tables, reports, and other business documents will be completed. Students will also prepare employment documents, form letters, and complete a business simulation.

Recordkeeping

1 CREDIT—OPEN TO: 9-12

This yearlong course is designed to provide students with meaningful business-related clerical office-type problems. It will provide students with the necessary entry-level skills for simple recordkeeping and clerical positions. Students work with various journals and ledgers involved in a basic accounting system. The course will acquaint students with various business-related forms and procedures and will develop speed, accuracy, clarity, and neatness in student work habits.

Computer Applications

1 CREDIT—OPEN TO: 10-12
(Must take both semesters to earn MCC Dual Credit- CDM110)

This yearlong course is intended to familiarize students with Microsoft Office. Emphasis will be placed on developing advanced skills in the use of Microsoft Excel, Access, PowerPoint, and Word. Students will also learn file management and have an introduction to HTML. Keyboarding class is strongly recommended prior to taking this class.

Accounting I

1 CREDIT—OPEN TO: 10-12
HONORS CLASS
(MCC Dual Credit- ACC110)

PREREQUISITE: Students must obtain teacher approval.

Accounting I is a skill-level yearlong course that is of value to all students pursuing a strong background in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision-making. Students will be expected to work independently throughout this course. Accounting simulations will be done in this class.

Accounting II

1 CREDIT—OPEN TO: 12
HONORS CLASS
(MCC Articulated Credit- ACC151)

PREREQUISITE: Students must complete Accounting I with a B- or better or obtain teacher approval.

This skill-level yearlong course builds upon the foundation established in Accounting I. The course will help students develop deeper knowledge of the principles of accounting with more emphasis placed on financial statements and accounting records. Coverage also includes inventory and not-for-profit, spreadsheet, and departmentalized accounting. Previously learned principles are applied to more complicated types of business organizations: partnerships, corporations, branches, etc. Students will be expected to work independently. Accounting simulations will be done in this class.

Internship

1 CREDIT—OPEN TO: 11-12

This course is designed to provide students with practical insight and experiences in a real world setting. Students will work with professionals for 1-2 class periods during the semester in order to experience the day-to-day responsibilities of a specific profession. In addition, this course provides students real life skills and tools necessary for the workplace. A variety of weekly activities will be required. Internship sites may include working in education with a teacher at the middle school or elementary level or working at a local business. Students will work with an instructor to set up an appropriate internship. Work habits will be a primary formative form of assessment on a weekly basis and students will produce a culminating project, presentation, or portfolio as a summative assessment.

ENGLISH COURSES

NOTE:

*Students who fail the 1st semester of English I **or** English II must repeat the 1st semester the following year and may take the next level (English II or English III) concurrently.*

English I

1 CREDIT—OPEN TO: 9

This yearlong course involves literature analysis and a review of basic grammar and writing skills. Critical thinking is encouraged through discussion of literature with an emphasis on reading comprehension skills. Essay composition is introduced, and computers are used during the writing process. Students will explore careers and write a research paper. Workplace communication is studied in conjunction with the curriculum. This is a writing intensive course to meet the state requirements. Students will also begin working on their Freshman Year Postsecondary/Career Plan.

English II

1 CREDIT—OPEN TO: 10

English II is a continuation of the study of literature, grammar, language, composition and vocabulary. Essay composition is emphasized throughout the course and a career research paper will be required for inclusion in their Sophomore Year Postsecondary/Career Plan. Career exploration will be examined through the use of ASVAB results. Workplace communication skills will be studied in conjunction with the curriculum. Computers will be used during the writing process.

English III

1 CREDIT—OPEN TO: 11

English III emphasizes workplace communication and vocabulary expansion. Skills will be further developed in the areas of writing, critical reading, communication, research, problem solving and decision-making. Business correspondence and essays are included, and a career research paper will be required. Workplace communication skills will be studied in conjunction with the curriculum. Students will fill in their Junior Year information on the Postsecondary/Career Plan.

English III Honors

1 CREDIT—OPEN TO: 11
HONORS CLASS

PREREQUISITE: Students must have a minimum 3.0 GPA and a B- or better in English II and teacher approval.

This course, along with American Studies History, allows for the combined study of America through its literature and history. English groups will read numerous novels, plays, and shorter works. History groups will study the historical, social and governmental aspects of America's growth. The relationship between the two classes and advanced composition skills will be stressed. A career research paper will be required. Students will fill in their Junior Year information on the Postsecondary/Career Plan.

Literature to Film

.5 CREDITS—OPEN TO: 11-12

While students have had several years of instruction in literature, they have had little instruction in film as a medium of artistic communication. This semester course will examine the elements of film in its creative and technical contexts, and it will also explore the transformation of literary art to multi-media art. Various aspects of filmmaking will be discussed and analyzed, including terminology, techniques, and technology. Using these concepts, students will be able to make comparisons and contrasts to literary source material.

Creative Writing

.5 CREDITS—OPEN TO: 11-12

Students will begin this semester course by defining creativity and learning skills necessary for becoming a good literary critic. Throughout the semester, students will not only analyze various forms of written work, including a variety of narratives, poetry, and modern drama, but they will also write a number of pieces for each unit. Students will participate in a Writer's Workshop atmosphere where their work will be shared and critiqued, and they will critique the work of others, building stronger revisions and ultimately their finished products.

English IV/British Literature Honors

HONORS CLASS
.5 CREDITS—OPEN TO: 12

PREREQUISITE: Students must have a minimum 3.0 GPA, a B- or better in English III H and have teacher approval.

This 12th grade British Literature Honors course is designed to expose students to a variety of works from a wide range of periods and perspectives. Through the examination of British Literature, as well as related media, students will explore multiple themes relating to culture, society, and the individual. The ultimate goal of the course is to refine students' critical, analytical reading and writing skills in an effort to help them be as prepared as possible for their post-high school endeavors.

College Composition and Literature

1 CREDIT—OPEN TO: 12
HONORS CLASS

PREREQUISITE: Students must have a minimum 3.0 GPA, a B- or better in English III H and have teacher/administration approval.

This course will acquaint students with the writing skills expected in college. Topics to be covered include: writing techniques; paragraph formation; transitions; sentence variety; correct grammar and punctuation; and vocabulary development. Course literature will focus on classic and contemporary readings emphasizing plot structure, character, theme and other literary techniques. Students will analyze and evaluate literature, including: poetry, drama, short stories, novels and Shakespeare.

English Language Arts Lab

.5 CREDITS—OPEN TO: 9-12

PREREQUISITE: Administration places students

English Language Arts Lab is a course designed to help keep students on track to graduate and is only available to students who failed the previous semester of English Language Arts. Students in this course will take a pre-test that will prescribe a specific path to help assist with skill deficits. This course may only count towards an English Language Arts credit one semester in a student’s school career. If a student needs to take this course multiple times, they will earn elective credit for successful completion of the course.

FOREIGN LANGUAGE COURSES

Spanish I

1 CREDIT—OPEN TO: 9-12

This course prepares the student in basic Spanish conversation and grammar skills. The following areas of Spanish-speaking countries will be examined: history; political, economical and social systems; traditions; art; literature; music; cinema; and dance. Students will use their Spanish skills to write short stories, an autobiography, a children's book, and other works. Hands-on instruction will be given in Spanish and Latin-American dances. Guest speakers will be invited, when available.

Spanish II

1 CREDIT—OPEN TO: 10-12

Spanish II further advances the students' Spanish conversation and grammar skills. Analysis of Spanish speaking countries will be continued and broadened. Spanish I writing skills will be revisited, and students will progress to writing essays and a short novel in Spanish. Dance workshops and guest speakers will continue.

Spanish III

1 CREDIT—OPEN TO: 11-12

During the course of the year, students will develop advanced grammar, speaking, and writing skills while strengthening their listening and reading skills in the context of real life situations. This course includes research projects on Spanish-speaking countries. Additionally, students will be introduced to Spanish literature and incorporates the use of Spanish language computer software.

MATHEMATICS COURSES

Algebra I

1 CREDIT—OPEN TO: 9-12

To succeed in the workplace, students must be able to use problem-solving skills. Utilizing exercises that relate to work-place scenarios students will use Algebra to solve problems involving agriculture, business, marketing, family and consumer science, health and industrial technology. Algebra I allows the student to learn mathematics by using both the mind and the hands.

Geometry

1 CREDIT—OPEN TO: 9-12

Informal geometry is the study of shapes and sizes. Students in this course will study basic geometric figures and learn to use logical reasoning to determine the properties and relationships of various shapes. These skills will be applied in exercises relating to work-place problems.

Algebra II

1 CREDIT—OPEN TO: 10-12

This course uses the same textbook that is used in the Algebra I class, but moves at a much slower pace and with fewer or no word problems. Some of the more complex topics that are covered are trigonometry and logarithms.

Transitional Math-TM001

1 CREDIT—OPEN TO: 11-12

This course is designed for students who have completed Algebra 2, but may not be ready for the rigor of College Algebra. Transitional Math covers operations and applications dealing with linear and quadratic functions, exponents, polynomial functions, factoring, rational expressions, logarithms, rational exponents and radicals. A grade of C or higher in Transitional Math would allow the student to place directly into a credit bearing mathematics course at most IL community colleges without requiring the student to take the placement test upon graduation.

Pre-Calculus

1 CREDIT—OPEN TO: 11-12
HONORS CLASS

PREREQUISITE: Students must pass Algebra II with a B- or better or obtain teacher approval.

Designed for students interested in advanced or specialized math topics, this course is intended to prepare students for college mathematics courses. A TI-83, TI-83 plus, or TI-84 calculator is required and must be purchased for this course. .

AP Calculus

1 CREDIT—OPEN TO: 12
PREREQUISITE: Students must complete Pre-Calculus with a B- or better or obtain teacher approval.

Calculus is the reformulation of elementary math through the use of a limit process. Students will be exposed to the topics of: limits and continuity; derivatives and differentiability; integration and the definite integral; inverse, exponential, and inverse trigonometric. A TI-83, TI-83 plus, or TI-84 calculator is required and must be purchased for this course. *See additional AP information.

Math Lab

.5 CREDIT- OPEN to 9-12
PREREQUISITE: Administration places students

Math Lab is a course designed to help keep students stay on track to graduate and is only available to students who failed the previous semester of a math course. Students in this course will take a pre-test that will prescribe a specific path to help assist with skill deficits. This course may only count towards a math credit one semester in a student's school career. If a student needs to take this course multiple times, they will earn elective credit for successful completion of the course.

MUSIC AND THEATER COURSES

Band

.5 CREDITS—OPEN TO: 9-12

In this yearlong course, students will improve their techniques by playing a wide variety of musical literature. Performance of a range of literature will enhance their appreciation of music. Throughout the year, students will learn the fundamentals of marching. Students are expected to practice regularly and attend required concerts, parades and "extra rehearsals" during the school year.

Chorus

.5 CREDITS—OPEN TO: 9-12

Students will learn to understand art, including some dance and drama and how to use the singing voice to its maximum potential. A strong emphasis will be placed on performing art, dance and drama. Students are required to present several performances and attend "extra" rehearsals not necessarily within the school day. Students may be asked to sing individually for placement purposes for parts (soprano, alto, tenor, bass) and/or for advanced ensembles.

PHYSICAL EDUCATION AND DRIVER'S EDUCATION COURSES

Physical Education

.5 CREDIT—OPEN TO: 9-12

Activities offered include team/individual sports and physical fitness workouts. Students must participate and dress appropriately every day. There will be written tests/finals as well as physical skill testing and required assignments and/or projects. This course is required to repeat for credit for 3 ½ years.

Strength and Conditioning

.5 CREDIT—OPEN TO: 9-12

Strength and Conditioning class will provide an opportunity for development of strength and conditioning for various sports and fitness related activities. The use of body weight, free weights, exercise machines and conditioning activities will be incorporated to promote improvement in strength, endurance, balance, agility, and speed. This elective course allows students the opportunity during the school day to participate in various Strength and Conditioning techniques. Students will design personalized fitness plans based on the Principles of Fitness and practice these routines each day. Students will also be assigned with tasks throughout each quarter that will give them exposure to certain fitness and wellness topics. Proper technique, safety precautions and proper application of the Principles of Training will be emphasized. A plan to achieve goals will be developed and implemented during this year-long course.

Health

.5 CREDITS—OPEN TO: 9-12

This required semester course examines mental health, disease control & prevention, AIDS, anabolic steroid and other drug use and abuse, first aid, safety, nutrition and sex education through lecture, discussion, guest speakers, and movies.

Driver's Education

.5 CREDITS—OPEN TO: 9-12

Driver's education will cover the following topics during the classroom portion of this course: car control, car maneuvers, natural laws, legal laws, IPDE process, city/highway/expressway driving, motorcycles, adverse conditions, emotions, alcohol/drugs, buying and insuring a car and car maintenance. Students must be at least 15 years old, have sophomore standing (6 credits), and have three hours of classroom instruction to get a learner's permit. To receive a driver's license at age 16, a student must pass both the classroom and behind the wheel (BTW) phases of Driver's Education and have possessed their permit for nine months prior to taking the driver examination with the Department of Motor Vehicles. Six BTW hours are required with additional practice hours required of the student by the State of Illinois. Admission to this course is based on age and class enrollment limit. Students are not allowed any countable absences in this course. BTW phase is scheduled according to instructor availability and may occur during summer or school year. Teacher approval is necessary if academic class time is used for driving. A $250.00 course fee is required prior to beginning BTW training.

SCIENCE COURSES

Note: *All courses are laboratory sciences. Placement in any 9th grade science class is based on 8th grade science and reading performance and teacher recommendations.*

Physical Science

1.0 CREDIT—OPEN TO: 9-12

This course is designed for students who have not acquired the science skills or math skills to enter directly into Biology I freshman year. Physical Science is about the rules of the physical world and a first introduction of physics, chemistry, geology, and astronomy. This yearlong course emphasizes correct laboratory techniques and perfecting the scientific method. The students learn the correct methods and precautions necessary in a laboratory setting. Topics covering energy and motion, acceleration and momentum, use of machines, states of matter, atomic structure, chemical bonds, solutions, chemical reactions, and acids and bases will be discussed throughout the year.

Biology I

1.0 CREDIT—OPEN TO: 9-12

This yearlong course is designed as a broad range lab-based biology course. Biology I covers the essential biological information needed for every high school student. Topics such as cellular structure and function, genetics, evolution, ecology, and classification and diversity will be covered. The students will learn how living things work through inquiry activities. Critical observations, accurate recording of data, and interpretation of results are the main emphasis on the lab activities. Lab activities are an integral part of the curriculum, including dissection and study of live organisms. If dissection is not possible, alternative approaches can be arranged per board policy.

Anatomy and Physiology

1.0 CREDIT- OPEN TO: 11-12
HONORS CLASS

Human Anatomy and Physiology is an upper level science elective designed for students pursuing a career in the health profession. Techniques, concepts, and vocabulary of anatomy and physiology are developed. Technical writing skills with researching topics on the human body are developed as well. The structure, function and regulation of major body systems will be covered along with diseases and drug treatments. Students are required to develop and apply proper laboratory techniques including microscopy and dissection.

Earth Science

1.0 CREDIT- OPEN TO: 10-12

This laboratory science course introduces the nature, causes, risks, effects, and prediction of natural disasters including earthquakes, volcanoes, tsunamis, landslides, subsidence, severe weather, global climate change, coastal erosion, floods, droughts, and meteorite impacts. It also covers basic principles in geology, meteorology, oceanography, and astronomy. The natural disasters course is an upper level course elective for those students who want to father their knowledge in the Earth's Sciences.

Chemistry

1 CREDIT—OPEN TO: 10-12

This yearlong course studies the same topics as Introduction to Chemistry; however, more mathematical reasoning, inquiry labs, and hands-on practices will be employed. This class is designed to enable students to develop critical thinking skills through experimentation and analysis. Proper laboratory behavior is required. A calculator is required. Laboratory activities are an integral part of this course.

Astronomy

.5 CREDIT – OPEN TO: 10-12

Astronomy presents a study of both the solar and stellar systems. Topics studied include examination of the properties of the planets, the moon, the sun, comets, meteors, stars, and galaxies. Theories on the origin of the universe and development of the field of astronomy also are examined.

Physics

1 CREDIT—OPEN TO: 11-12
HONORS CLASS

PREREQUISITE: Student must either have completed or be currently enrolled in Algebra II or a higher math or obtain teacher approval.

This class is designed to provide an introduction to the science of physics, its scope and topics of interest. Basic concepts of physics are presented in the historical perspective of its development. This class is recommended for college-bound students.

SOCIAL STUDIES COURSES

World Studies

1 CREDIT—OPEN TO: 9-12

Combining the study of world history with geography and current issues, this required class encourages students to connect the past and present. The development of western civilizations is emphasized and a comparison of the major religions promotes critical thinking. This is a writing intensive course to meet the state requirements.

Modern World Studies

1 CREDIT - OPEN to: 9-12

Modern World Studies traces the history of the world from approximately 1870 to the present. Students will examine both the staggering problems and astounding accomplishments of the twentieth century with a focus on political and social history. Students will explore topics in physical and human geography and investigate issues of concern in the contemporary world. Lessons will help students organize, study, and explore topics, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities will include analyzing primary sources and maps, creating timelines, completing projects, writing assignments, and conducting research.

U.S. History

1 CREDIT—OPEN TO: 11-12

This course presents the causes and effects of events in American history and discusses the origins and development of our government, economy, society, and culture. Critical thinking skills are developed to understand the nature and significance of traditional American values. The U.S. and Illinois Constitutions and the treatment of the flag are tested in this class.

U.S. History Honors

1 CREDIT—OPEN TO: 11-12
HONORS CLASS
PREREQUISITE: Students must have teacher recommendation.

This class will focus on the historical, social and governmental aspects of America's growth, and will be closely tied to the English portion of the course. The U.S. and Illinois Constitutions and the treatment of the flag are tested in this class.

Civics/Government

.5 CREDITS—OPEN TO: 12

This required semester course presents the fundamental concepts of the American political system. Students will study the origin, structure and function of the political system in the U.S., including: the three branches of government, state and local government, and the American federal system.

Personal Finance/Consumer Ec.

.5 CREDITS—OPEN TO: 12

This is a required semester course that covers consumer topics, life skills, career exploration, and postsecondary resources. Various topics covered will include: economics, the decision making process, budgeting, banking and investing, credit, insurance, housing, transportation, human development, planning relationships, death and dying, current issues, and the employment process.

Sociology

.5 CREDITS—OPEN TO: 10-12
HONORS CLASS

The study of sociology in this course will work as a survey course that will allow students the opportunity to understand the sociological complexes that exist amongst and within human beings. The text will be explored along with possible case studies that will help students further comprehend the issues discussed.

Psychology

.5 CREDITS—OPEN TO: 10-12
HONORS CLASS

The study of psychology in this semester will work as a survey course that will introduce students to the complexities that exist within human beings and the mind. This class will provide students with the opportunity to understand the individual instead of society. The text will be explored along with case studies that will help students further understand the many areas of psychological study today.

Additional Courses

Service Learning

.5 CREDITS—OPEN TO: 9-12

This course is designed for students who want to gain experience within the classroom as they prepare for a career in education. Students are paired with a faculty supervisor to act as an aide within their classroom. Students may be asked to assist students with projects, help create and execute specific lesson plans, collaborate with the teacher, and/or work with a whole classroom, small groups or individual students. Each week a daily journal will be required. Semester Exam may be either a reflection paper or teaching a lesson plan.

Advanced Placement (AP) Courses

.5 CREDITS—OPEN TO: 11-12
PREREQUISITE: Students wanting to take AP courses through IVS must get prior approval from the building administrator.

In partnership with the Illinois Virtual Schools, Alden-Hebron High School is able to offer several AP courses in a variety of courses. These classes vary from school year to school year based on availability. For more information please go to illinoisvirtual.org.

Lake County High Schools Tech Campus Curriculum

Game Programming & Virtualization

3 CREDITS—OPEN TO: 11-12

This program is designed to provide instruction in computer science field. Students will be able to develop video games & professional programs using realistic hands-on interdisciplinary exercises. The game programming curriculum will focus on industry standard coding languages. Additional training will cover 2D and 3D animation. Additionally, students will work with virtual reality technologies providing experience in virtualizations allowing complex data or situations in a simulated real-world application.

3D Gaming & Cybersecurity

3 CREDITS—OPEN TO: 11-12

App Development and 3D Gaming (formerly Game/C++ Programming II):
Mobile Media Programmers become creative coders competent in applying interactive principles and theories to mobile and 3D game development. Students learn to think and act as innovators, adept at using a variety of technologies and processes to express ideas and solve gaming as well as mobile media design problems. We prepare students to develop software applications and other interactive media for

mobile devices such as: smartphone, tablets, and 3-D Game Applications that can run on a variety of platforms.

Automotive Collision Repair I / II

3 CREDITS—OPEN TO: 11-12
PREREQUISITE: Must take Automotive Collision Repair I before Automotive Collision Repair II

This program provides students with the fundamental skills of the automotive collision repair industry. Instruction in the program emphasizes both the repair and the refinishing skills associated with restoring a damaged automobile to factory specifications. Using an industry-endorsed curriculum, students will develop core skills in automobile construction, sheet metal damage repair, MIG welding, and basic refinishing. Upon mastery of the skills in core areas, students will gain skills in damage estimating, shop management, heavy collision repair, and finish matching.

Automotive Service I / II

3 CREDITS—OPEN TO: 11-12
PREREQUISITE: Must take Automotive Service I before Automotive Service II

This program will provide students with a solid foundation of skills to enter the automotive service industry. Training in the program emphasizes the development of skills in the core service areas utilizing factory procedures and industry standards in the school's fully operational repair shop. Instruction will feature training on brakes, steering and suspension, electrical systems, and engine performance. Upon successful completion of this program, students will be prepared to take the ASE (Automotive Service Excellence) certification exams in the areas emphasized in the program.

Biomedical Science

3 CREDITS—OPEN TO: 11-12

(PBS) provides an introduction to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia and infectious diseases. Students determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. Students investigate lifestyle choices and medical treatments that might have prolonged the woman's life and demonstrate how the development of disease is related to changes in human body systems.

Certified Nurse Assistant

3 CREDITS—OPEN TO: 12
PREREQUISITE: Must have a valid social security number and student must be 18-years-old to take the certification exam.

This program is designed to prepare students for employment as nurse assistants and for future entry into nursing education programs. This program leads to a CNA certification. Training will include the development of basic nursing and cardiopulmonary resuscitation skills through lecture, laboratory

demonstrations, laboratory practice, and clinical experience. Instruction in this program includes a minimum of forty clinical hours held in long-term facilities in the community. Upon successful completion of this program, students will be eligible to take the written examination for the nurse assistant state certification. Students in this program must be seniors.

Computer Support Services I / II

3 CREDITS—OPEN TO: 11-12
PREREQUISITE: Must take Computer Support Services I before Computer Support Services II

This program will prepare students for careers in the computer field. Students will install, maintain, upgrade, and repair computer hardware and software on workstations and network systems. This program will prepare students for the A+ Certification Exam. Upon successful completion of this program, students will be able to diagnose hardware or software failures and perform the actions necessary to correct the problems based on knowledge of the system's operation.

Construction Skills & Management I / II

3 CREDITS—OPEN TO: 11-12

I: This course provides students with an introduction to careers in the field of architecture, construction contracting, and civil technology, including surveying. The program offers an overview and analysis of conventional construction methods with a focus on Carpentry, HVAC, Electrical, Plumbing, Environmental Impacts on Construction and overall construction safety. The hands on use of building materials and tools in various construction systems is emphasized, including basic design of temporary structures. To further enrich students experience case studies and guest speakers are utilized to expose students to various professions and careers in the field. The course also provides students with resources for interdisciplinary academic success.

II: This course provides students with fundamental knowledge and skill in job planning and scheduling, while still continuing skill growth from year I. Students will be involved in all phases of planning and scheduling from the process of listing and sequencing to the development of the more complicated critical path network. In addition, students will review construction specifications and how they relate to national, state, and local building codes. Topics related to job safety and Occupational, Safety, and Health Administration (OSHA) regulations will also be discussed.

Cosmetology I / II

4 CREDITS—OPEN TO: 11-12
PREREQUISITE: Must have a valid social security number and student must be 18-years-old to take the certification exam. Must take Cosmetology I before Cosmetology II.

The Tech Campus offers a Cosmetology program that includes nail technology. Students will acquire the 1500 hours of experience required for licensing while learning how to perform shampoos, make-overs, facials, hair-styling, manicuring, sculptured nails, permanent waving, hair coloring, and cutting. Following the lab phase of the program, students will reinforce their training by working on clients in

the Tech Campus Creations Salon.

Criminal Justice

3 CREDITS—OPEN TO: 11-12
PREREQUISITE: Must take Introduction to Criminal Justice before Introduction to Policing

Introduction to Criminal Justice (formerly Criminal Justice I): The class will cover ethical considerations for criminal justice professionals and challenges to police officers as well as constitutional considerations for policing. The class will also cover functions and structure of the court and judicial system. Further topics will include correctional institutions, current and pending court cases, juvenile justice and role playing opportunities related to criminal justice.

Culinary Arts I / II

3 CREDITS—OPEN TO: 11-12
PREREQUISITE: Must take Culinary Arts I before Culinary Arts II

This program provides culinary and hospitality education designed to prepare students for the many positions in the hospitality industry. Students will gain skills and knowledge in cold and hot food preparation, nutrition, baking, pastry, menu planning, sanitation, equipment operation, inventory control, purchasing, and front-of-the-house customer service skills. Skills will be practiced in planning, organizing, and preparing culinary creations for special events, competitions and the Tech Campus Deli.

Early Education & Teaching I / II

3 CREDITS—OPEN TO: 11-12
PREREQUISITE: Must take Early Childhood Education I before Early Childhood Education II

This program is designed to prepare students for a variety of careers serving children. Students will develop skills to plan and implement age-appropriate activities in one of the two operating preschool labs. These skills include developing educational activities for the preschool children in creative arts, math, science, music, and language. Instruction will focus on the positive guidance of child behavior and all aspects of their development.

Emergency Medical Services

3 CREDITS—OPEN TO: 12
PREREQUISITE: Must have a valid social security number and the student must be 18-years-old to take the certification exam.

This program prepares students to take the licensure examination of the Illinois Department of Public Health to become on EMT-B. Activities include clinical experiences in a hospital emergency room and ride-alongs with local Fire/EMS departments. Students will learn American Heart Association Healthcare Provider CPR, patient assessment, stabilization, and initial pre-hospital medical treatment of injured and ill patients.

Fire Fighting

3 CREDITS—OPEN TO: 11

This program is designed to prepare students for entry level fire fighter positions. Skills taught are: understanding fire chemistry, wearing personal protective clothing, identifying ropes, tying knots, using fire extinguishers, performing forcible entry, carrying and raising ladders, operating self-contained breathing apparatus, employing search and rescue techniques, working with ventilation tools, and practicing hose evolutions on an operating fire engine. Leadership and communication skills help prepare the student for future certification.

Laser Technology

3 CREDITS—OPEN TO: 11-12

This program will offer students hands-on learning with state-of-the-art optical and laser equipment. Photonics is the technology of generating and harnessing light and other forms of radiant energy whose quantum unit is the photon. Photonics involves cutting-edge uses of lasers, optics, fiber-optics, and electro-optical devices in numerous and diverse fields of technology, manufacturing, health, telecommunication, environment monitoring, homeland security, aerospace, green construction and many others.

Law Enforcement & CSI

3 CREDITS—OPEN TO: 11-12

This program prepares students for careers in the policing field. The class will focus on police procedures that are standard to a new police officer and the steps that are necessary to take to continue into a career of policing. The class will also explore basic crime scene investigation, interview and interrogation methods, and a study of criminal investigation.

A police background check is required to participate in job shadows, internships, and ride-alongs at local police departments.

Machining Technology

3 CREDITS—OPEN TO: 11-12

The Lake County Tech Campus Manufacturing Technology Program develops the knowledge and skills necessary to perform machining operations in order to strengthen American manufacturing by building a globally competitive machining workforce. The curriculum is focused on meeting industry standards

skills for producing competent workers that are immediately employable.

Medical Assisting

3 CREDITS—OPEN TO: 11-12

This program introduces students to a wide variety of careers in the allied health field including medical lab technician, medical assistant, and medical office professional. Training will include medical terminology, communication, body structure and function, vital sign measurement, principles of infection control, medical instrumentation, pharmacy technology, medical office assistant certification procedures, and microscope usage.

Multimedia Design

3 CREDITS—OPEN TO: 11-12

This program prepares students for a variety of design careers including desktop publishing, web design, graphic design for games, and entry-level animation. Students will design and produce a variety of print and digital publications utilizing a variety of software applications and technologies including but not limited to: Adobe® Illustrator®, Adobe® Photoshop®, Adobe® InDesign®, Adobe® Flash®, Adobe® Dreamweaver®, XHTML, and CSS.

Project Lead The Way – Pathway to Engineering

3 CREDITS—OPEN TO: 10-12

PLTW Pathway to Engineering: The PLTW Pathway to Engineering (PTE) program is a sequence of courses which follows a proven hands-on, real-world problem-solving approach to learning. Throughout PTE, students learn and apply the design process, acquire strong teamwork and communication proficiency, and develop organizational, critical-thinking, and problem-solving skills. They discover the answers to questions like how are things made and what processes go into creating products? Students use the same industry-leading 3D design software used by companies like Intel and Lockheed Martin. They explore aerodynamics, astronautics, and space life sciences. Hello, NASA. Students apply biological and engineering concepts related to biomechanics - think robotics. They design, test, and actually construct circuits and devices such as smart phones and tablets and work collaboratively on a culminating capstone project. It's STEM education, and it's at the heart of today's high-tech, high-skill global economy. The program is designed to prepare students to pursue a post-secondary education and careers in STEM-related fields.

Introduction to Engineering Design (IED): Discover the roles of an engineer and engineering technician in taking an idea form design to manufacturing or production. Using Inventor - 3D design software from Autodesk - work on projects, activities, and problems not only of interest to you, but that have global and human impacts. Work in teams to design and improve products, document your solutions, and communicate them to others.

Principles of Engineering (POE): Master basic concepts needed to continue your education in engineering or engineering technology - then apply them! First, understand how things move, then test the strength and durability of different materials. Explore the uses of renewable energy sources, machine systems, and fluid power, brainstorming possible new applications. You aren't in this alone: team up with other students to test and share your developing skills and problem-solving ability through hands-on projects and presentations.

Civil Engineering and Architecture (CEA): Students learn about various aspects of civil engineering and architecture and apply their knowledge to the design and developmental of residential and commercial properties and structures. In addition, students use 3D design software to design and document solutions for major course projects.

Computer Integrated Manufacturing (CIM): How are things made? What processes go into creating products? Is this the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing? While students discover the answers to these questions they're learning about the history of manufacturing, robotics and automation, manufacturing processes, computer modeling, manufacturing equipment, and flexible manufacturing systems.

Robotics & Automation

3 CREDITS—OPEN TO: 11-12

Consider a career in mechatronics. The field combines mechanics, electronics and computer technologies to create "smart" products that improve lives in countless ways. Mechatronics technicians help design, install, maintain, and repair industrial equipment and a wide variety of appliances used in businesses and at home. These range from personal and industrial robots to artificial limbs, automatic teller machines (ATMs) and hybrid cars, just to name a few.

Welding & Fabrication

1 CREDIT—OPEN TO: 11-12
PREREQUISITE: Must take Welding I before Welding II

This program provides hands-on experiences gained from extensive practice and application of knowledge in show safety, oxy-fuel welding and burning, arc welding, (stick, MIG, TIG), plasma arc cutting, and automatic shape cutting. Layout and fit-up, blueprint reading, and weld symbols are used to fabricate a variety of metal projects. The American Welding Society (AWS) recognizes the Tech Campus Welding program as an Educational Instruction Member.

McHenry County College

Partnership for College and Career Success (PCCS) / High School Plus Curriculum

The Partnership for College and Career Success (PCCS) program gives you a chance to start working on a professional certificate or associate's degree while you're still in high school. MCC dual credit academic courses vary based on their availability. These courses requires time-management skills and a desire to work at a college-level rigor and pace. If you are interested in courses through MCC, please refer to their course catalog for further details. With dual credit programs, you *attend MCC during your regular school day*. The credit(s) you earn count toward your high school graduation requirements and also count as college credit at MCC. These college credits may also transfer to other community colleges and four year schools-.The following is a list of Dual Credit **College and Career Success (PCCS) Programs** offered at MCC: https://www.mchenry.edu/pccs/

- Automotive Technology
- Criminal Justice
- Culinary Management
- Early Childhood Education
- Emergency Medical Technician
- Fire Science Technician
- Fitness Instructor Training
- Health Sciences
- Registered Nurse Program

Articulated Credit Courses Offered at AHHS

Courses are taught at your high school, *and the credit you earn is "saved" or banked for you at MCC. Credit is awarded after you successfully complete additional coursework at MCC. Check with the Vocational Director to see which classes AHHS has an articulation agreement with MCC:*

- Keyboarding II – Formatting (AOM 102)
- Financial Accounting II (ACC 151)

Dual Credit Courses Offered at AHHS

Earn high school and college credit. Please not that how credits transfers may vary (e.g. the receiving college may apply the credit as elective coursework instead of major coursework). Because transferability toward major coursework can vary from one institution to another, you should call the admissions office of the college you intend to transfer the credit.

- Keyboarding I (AOM 101)
- Computer Applications (CDM 110)
- Basic Accounting I (ACC 110)

MCC Dual Credit College Courses

OPEN to 10-12
PREREQUISITE: *Final approval by administration*

Dual Enrollment: Student Eligibility Requirements for MCC

AHHS identifies the following requirements which must be met by each student who wishes to enroll in a college course for dual credit. *The course may not be a course that is currently offered at AHHS*:

- A student must be in grade 10 - 12.
- Teacher recommendation and written approval from the student's parent and high school principal.
- Meet entrance requirements set by post-secondary institution. Please note that some courses may require a student to take a placement test if they do not have a SAT score of 540 in math or EWR.
- Minimum GPA of 3.0 or better.
- Attendance 90% or higher the year prior.
- A student must earn a C or higher in dual credit course to be eligible to register for additional dual credit courses.
- Beyond tuition, all fees and/or materials (books, supplies, etc.) shall be the student and guardian's responsibility.

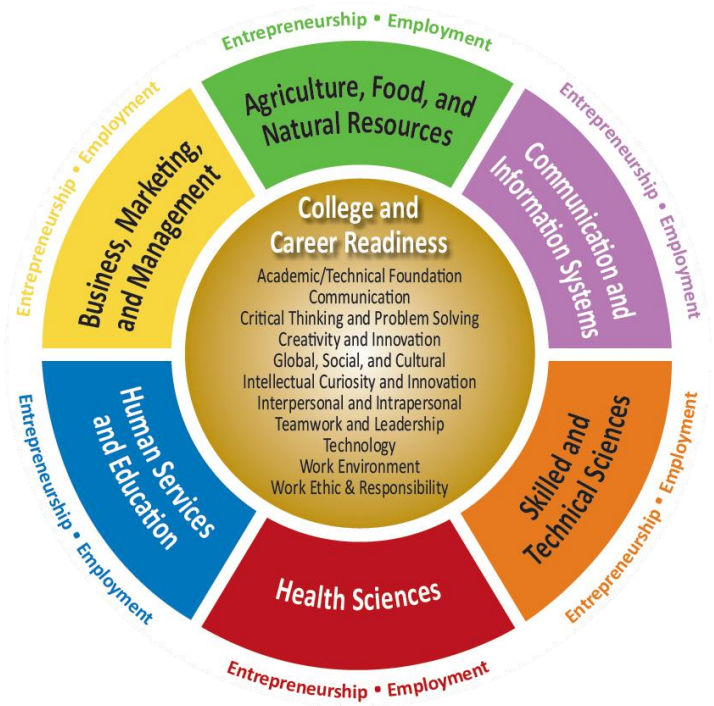
MCC dual credit academic courses vary based on their availability. These courses requires time-management skills and a desire to work at a college-level rigor and pace. If you are interested in courses through MCC, please refer to their course catalog for further details. With dual credit courses, you *attend MCC during your regular school day*. If taking an online MCC course, students will be placed in a study hall which is designated as time to work on their MCC coursework. It should be noted that time will need to be spent outside of this assigned study hall time to complete the course. The credit(s) earned count toward your high school graduation requirements and also count as college credit at MCC.

Career Cluster Plans of Study

School District 19's mission statement aims at educating and inspiring our students to reach their individual potential, enabling them to be responsible members of society. The career cluster plans of study will help students plan for their future beyond high school.

The following pages offer aids for students to use while planning their high school career. Using these planners, students can select the high school courses that fall in line with their interests and future endeavors. These 16 Career Clusters focus on the following occupational areas:

- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Arts, A/V Technology, & Communications
- Business, Management and Administration
- Education and Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing, Sales & Service
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics



PROGRAM OF STUDY

This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. Courses listed within this program are only recommended coursework and should be individualized to meet each learner's education and career goals.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Anatomy & Physiology*** *-Astronomy* ***-Business Concepts*** *-Computer Applications* ***-Earth Science*** *-Keyboarding* ***-Physical Science***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Culinary Management* ***Lake County Technology Campus:*** *-Culinary Arts*	*-Agricultural Chemical Dealer* *-Agricultural Educator* *-Aquaculturalist* *-Botanist* *-Ecologist* *-Environment Compliance* *-Environmental Engineer* *-Equine Manager* *-Farm Manager* *-Fish & Game Officer* *-Health & Safety Sanitation* *-Meat Cutter- Meat Grinder* *-Park Manager* *-Produce Buyer* *-Recycling Technician* *-Veterinarian* *-Wildlife Manager*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies*			
	11	*English 3* *American Studies English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*US History* *US History Honors*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Civics/Government* *Personal Finance*			

**Classes available if student took Algebra 1 as an 8th grader in the Middle School OR if student doubles in math his/her sophomore year.*

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	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Color*** *-Keyboarding* ***-Mixed Media*** *-Painting* *-Sculpture* ***-Spanish***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Digital Media* *-Web Developer* *-Robotics* ***Lake County Technology Campus:*** *-Construction Skills & Management* *-Multimedia Design* *-Photographic Design* *-Project Lead the Way* *-Welding / Fabrications* *-Photonics* *-Robotics*	*-Architect* *-Carpenter* *-Civil Engineer* *-Construction Foreman* *-Contractor* *-Demolition Engineer* *-Drafter* *-Drywall Installer* *-Electrician* *-Electronic Systems Technician* *-Equipment / Materials Manager* *-General Contractor / Builder* *-Interior Designer* *-Painter* *-Paperhanger* *-Plumber* *-Project Inspector* *-Roofer* *-Safety Director* *-Sheet Metal Worker* *-Tile & Marble Settler*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies*			
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SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology* *Biology Honors*	*World Studies*	***-Band*** *-Chorus* ***-Color*** *-Computer Applications* ***-Keyboarding*** *-Mixed Media* *-Painting* ***-Sculpture***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Digital Media* *-Web Developer Certificate* ***Lake County Technology Campus:*** *-Multimedia Design* *-Photographic Design* *-Photonics*	*-Architect* *-Audio-Video Designer & Engineer* *-Broadcast Technician* *-Commercial Artist* *-Computer Animator* *-Curator/Gallery Manager* *-Director & Coach* *-Fashion Designer* *-Journalist* *-Lithographer* *-Musician* *-Printing Equipment Operator* *-Telecommunication Technician* *-Videographer* *-Web Page Designer*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies*			
	11	*English 3* *American Studies English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*US History* *US History Honors*			
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	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies*			
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EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	*-Computer Applications* ***-Keyboarding*** *-Record Keeping* ***-Service Learning***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Early Childhood Education* ***Lake County Technology Campus:*** *-Early Childhood Education & Teaching I & II*	*-Administrator* *-Assessment Specialist* *-Career Tech Administrator* *-Child Care Worker* *-Clinical Psychologist* *-Coach* *-College/University Faculty* *-Counselor* *-Curriculum Developer* *-Elementary Teacher* *-High School Teacher* *-Principal* *-Speech-Language Pathologist*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

**Classes available if student took Algebra 1 as an 8th grader in the Middle School OR if student doubles in math his/her sophomore year.*

PROGRAM OF STUDY

This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. Courses listed within this program are only recommended coursework and should be individualized to meet each learner's education and career goals.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Accounting I / II*** *-Business Concepts* ***-Computer Applications*** *-Keyboarding* ***-Record Keeping***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** ***Lake County Technology Campus:***	*-Abstractor* *-Accountant* *-Actuary* *-Bill & Account Collector* *-Commodities Representative* *-Controller* *-Credit Analyst* *-Debt Counselor* *-Economist* *-Financial Planner* *-Foreign Exchange Manager* *-Fund Raiser* *-Insurance Broker* *-Internal Auditor* *-Loan Officer* *-Non-Profit Manager* *-Tax Examiner* *-Title Researcher & Examiner* *-Treasurer* *-Trust Officer* *-Underwriter*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

**Classes available if student took Algebra 1 as an 8th grader in the Middle School OR if student doubles in math his/her sophomore year.*

PROGRAM OF STUDY

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EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Business Concepts*** *-Computer Applications* *-Keyboarding* ***-Health*** ***-Record Keeping*** ***-Accounting I & II***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Criminal Justice* ***Lake County Technology Campus:*** *-Intro to Criminal Justice*	*-Ambassador* *-Bank Examiner* *-City Manager* *-Combat Control Officer* *-Commissioner* *-Cryptographer* *-Election Supervisor* *-Elected Official* *-Foreign Service Officer* *-Immigration Officer* *-Intelligence Analyst* *-Internal Revenue Investigator* *-Lobbyist* *-National Security Advisor* *-Planner* *-Policy Advisor* *-Tax Policy Analyst*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

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PROGRAM OF STUDY

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EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
		Interest Inventory Administered and Plan of Study Initiated for all Learners						
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	*-Business Concepts* ***-Computer Applications*** ***-Record Keeping*** ***-Health*** *-Keyboarding* ***-Strength & Conditioning***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Emergency Medical Technician* *-Fitness Instructor* ***Lake County Technology Campus:*** *-Certified Nurse Assisting* *-Emergency Medical Services* *-Medical Assisting* *-Fire Fighting*	*-Athletic Trainer* *-Biochemist* *-Biostatistician* *-Dental Assistant* *-EMT/Paramedic* *-Geneticist* *-Health Information Coder* *-Home Health Aide* *-Industrial Hygienist* *-Lab Technician* *-Nutritionist* *-Occupational Therapist* *-Phlebotomist* *-Physician* *Physician's Assistant* *-Psychologist* *-Radiologist* *-Registered Nurse* *-Research Scientist* *-Speech/Language Pathologist* *-Toxicologist* *-Veterinarian*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

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EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
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SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Business Concepts*** ***-Record Keeping*** *-Computer Applications* ***-Health*** *-Keyboarding*	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Culinary Management* ***Lake County Technology Campus:*** *-Culinary Arts I & II*	*-Baker* *-Bartender* *-Casino Manager* *-Caterer* *-Concierge* *-Convention Services Manager* *-Director of Operations* *-Hotel Management* *-Lodging* *-Director of Tourism* *-Development* *-Event Planner* *-Executive Chef* *-Facilities Manager* *-Maitre d'* *-Museum Director* *-Reservations Manager* *-Restaurant Owner/Manager* *-Sports Promoter* *-Theme Park Manager* *-Tour and Travel Guide* *-Travel Agent* *-Wine Steward*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

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SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	*-Business Concepts* ***-Keyboarding*** *-Record Keeping* *-Computer Applications* ***-Service Learning***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Early Childhood Education* ***Lake County Technology Campus:*** *-Early Childhood Education & Training I & II*	*-Buyer* *-Certified Financial Planner* *-Community Service Director* *-Consumer Advocate* *-Cosmetologist* *-Director of Childcare Facility* *-Emergency and Relief Worker* *-Esthetician* *-Funeral Director* *-Licensed Professional Counselor* *-Market Researcher* *-Massage Therapist* *-Personal Fitness Trainer* *-School Counselor / Psychologist* *-Small Business Owner* *-Social Worker*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

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SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Record Keeping*** ***-Business Concepts*** ***-Computer Applications*** *-Keyboarding*	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Robotics Program* *-Web Developer Certificate* ***Lake County Technology Campus:*** *--Computer Support Services I & II* *-Game/C++ Programing I & II* *-Photographic Web Design* *-Multimedia Design* *-Photonics* *-Project Lead the Way*	*-Animator* *-Database Administrator* *-Data Systems Designer* *-E-Business Specialist* *-Game Developer* *-Information Technology* *-Engineer* *-Media Specialist* *-Network Administrator* *-Network Security Analyst* *-PC Support Specialist* *-Programmer* *-Software Applications Specialist* *-Systems Administrator* *-Telecommunications Network Technician* *-User Support Specialist* *-Virtual Reality Specialist* *-Web Architect/Designer*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

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	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Business Concepts*** ***-Health*** ***-Strength & Conditioning***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Criminal Justice* *-Emergency Medical Technician* *-Fire Science* *-Registered Nurse Program* ***Lake County Technology Campus:*** *-Certified Nurse Assisting* *-Emergency Medical Services* *-Fire Fighting* *-Intro to Criminal Justice* *-Intro to Policing* *-Medical Assisting*	*-Attorney* *-Bomb Technician* *-Corrections Officer* *-Court Reporter* *-Criminal Investigator* *-EMT* *-Federal Marshall* *-Firefighter* *-Gaming Surveillance Specialist* *-Hazardous Materials Responder* *-Loss Prevention Specialist* *-Paralegal* *-Park Ranger* *-Police and Patrol Officer* *-Probation/Parole Officer* *-Public Information Officer* *-Security Director* *-Youth Services Worker*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

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PROGRAM OF STUDY

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EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Color/Painting*** ***-Mixed Media/Sculpture*** ***-Business Concepts*** ***-Keyboarding*** ***-Record Keeping***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Automotive Technology* *-Robotics Program* ***Lake County Technology Campus:*** *-Automotive Coll. Repair I & II* *-Automotive Services I & II* *-Construc. Skills & Mang.* *-Photonics* *Weld/Fabrication I & II*	*-Assembler* *-Boilermaker* *-Design Engineer* *-Environmental Engineer* *-Foundry Worker* *-Freight Stock and Material Mover* *-Health and Safety Representative* *-Industrial Machinery Mechanic* *-Inspector* *-Labor Relations Manager* *-Logistician* *-Manufacturing Technician* *-Pattern & Model Maker* *-Production Manger* *-Quality Control Technician* *-Safety Engineer* *SPC Coordinator* *-Tool and Diemaker* *-Traffic Manager* *-Welder*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

**Classes available if student took Algebra 1 as an 8th grader in the Middle School OR if student doubles in math his/her sophomore year.*

PROGRAM OF STUDY

This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. Courses listed within this program are only recommended coursework and should be individualized to meet each learner's education and career goals.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Accounting I & II*** ***-Keyboarding*** ***-Computer Applications*** ***-Record Keeping*** ***-Business Concepts*** ***-Spanish I, II & III*** ***-Mixed Media/Sculpture*** ***-Color/Painting***	*Not available to 9th and 10th grade students* ***MCC High School Plus:*** *-Web Developer Cert* ***Lake County Technology Campus:*** *Multimedia Design* *-Photographic Design* ***AHHS*** *-Internship*	*-Copywriter/Designer* *-E-Commerce Director* *-Entrepreneur* *-Field Marketing Representative* *-Forecasting Manager* *-Interactive Media Specialist* *-Inventory Manager / Analyst* *-Logistics Manager* *-Merchandise Buyer* *-On-line Market Researcher* *-Public Relations Manager* *-Promotions Manager* *-Retail Marketing Coordinator* *-Sales Executive* *-Shipping/Receiving Clerk* *-Telemarketer* *-Trade Show Manager* *-Warehouse Manager* *-Webmaster*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

**Classes available if student took Algebra 1 as an 8th grader in the Middle School OR if student doubles in math his/her sophomore year.*

Science, Technology, Engineering & Mathematics

PROGRAM OF STUDY

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EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses	SAMPLE Occupations Relating To This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	***-Keyboarding*** ***-Computer Applications*** ***-Record Keeping*** ***-Business Concepts*** ***-Mixed Media/Sculpture*** ***-Color/Painting***	*Not available to 9th and 10th grade students* ***AHHS*** *-Internship* ***MCC High School Plus:*** *-Robotics Program* *-Web Developer Cert* ***Lake County Technology Campus:*** *-Computer Support Services I & II* *-Game/C++ Prog. I & II* *-Mechatronics* *-Photonics* *-Project Lead the Way* *-Weld/Fabric. I & II*	*-Aerospace Engineer* *-Agricultural Engineer* *-Analytical Chemist* *-Anthropologist* *-Architectural Engineer* *-CAD Technician* *-Civil Engineer* *-Computer Programmer* *-Ecologist* *-Geologist* *-Geothermal Engineer* *-Math Teacher* *-Mathematician* *-Metallurgist* *-Statistician* *-Survey Technician* *-Zoologist*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

**Classes available if student took Algebra 1 as an 8th grader in the Middle School OR if student doubles in math his/her sophomore year.*

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EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Electives Recommended Electives Learner Activities Leadership Activities	Career & Technical Courses Courses	SAMPLE Occupations Relating To This Pathway
	Interest Inventory Administered and Plan of Study Initiated for all Learners							
SECONDARY	**9**	*English 1*	*Algebra 1* **Geometry*	*Physical Science* *Biology*	*World Studies*	*-Business Concepts* *-Record Keeping* ***-Accounting I & II*** ***-Keyboarding***	*Not available to 9th and 10th grade students* ***MCC High School Plus:*** *-Automotive Technology* *-Web Developer Cert.* ***Lake County Technology Campus:*** *-Automotive Collision Repair I & II* *-Automotive Service I & II* *-Construc. Skills & Mang. I & II* ***AHHS*** *-Internship*	*-Airplane Pilot* *-Air Traffic Control* *-Automotive Technician* *-Avionics Technician* *-Cargo & Freight Agent* *-Customs Inspector* *-Environmental Manager* *-Facility Engineer* *-Industrial Equipment Mechanic* *-Industrial & Packaging Engineer* *-International Logistics Specialist* *-Locomotive Engineer* *-Marine Captain* *-Port Manager* *-Safety Analyst* *-Storage & Distribution Manager* *-Transportation Manager* *-Truck Driver* *-Urban & Regional Planner* *-Warehouse Manager*
	10	*English 2*	*Geometry* **Algebra 2*	*Biology* *Chemistry*	*Modern World Studies* *Psychology* *Sociology*			
	11	*English 3* *American Studies* *English*	*Algebra 2* **Pre-Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *US History* *US History Honors* *Psychology* *Sociology*			
	12	*English 4* *Literature Into Film* *Creative Writing* *College Composition*	*Senior Math* *Pre-Calculus* **Calculus*	*Chemistry* *Earth Science* *Astronomy* *Anatomy & Physiology* *Physics*	*Modern World Studies* *Psychology* *Sociology* *Civics/Government* *Personal Finance*			

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