

A Message from Guidance....

We are pleased to offer this program of studies to assist with course selection as well as career and college planning. This bulletin is your guide for selecting the type of curriculum you wish to follow and will assist you in choosing the courses you take.

The selection of a high school program is a very important task and one in which you, your parents, and your advisors should give careful thought. You will be enrolling shortly for the courses you wish to take next year. Make your plans carefully. Minimum and maximum class sizes have been established for each class. If a course fails to have the minimum number of students enrolled, it will be canceled.

This makes it important that you decide now which courses best fit your needs and register for them. Each year students are disappointed because a class they requested closes or cancels. Although all classes in this book may be initially offered, final decisions on class offerings will be determined by enrollment. Please note that some classes are offered on a rotating basis; see specific course descriptions for information.

For 2018-2019, Chardon Local Schools are partnering with Lakeland Community College for College Credit Plus Dual-Enrollment courses. CCP offers qualified students the opportunity to enroll in college courses and earn college credit which can also be used to fulfill high school graduation requirements. For more information regarding CCP, please meet with a school counselor.

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Graduation Requirements

To qualify for a **Regular Diploma**, students will be responsible for meeting the 20 credits of coursework and completion of 1 of 3 pathways of graduation. These include: earning 18 specific points on the AIR exams, earning a specific score on a College entrance exam, or earning an industry recognized credential and test score.

Graduation Requirements

Total Credits:	20
English	4 credits (any combination of College Prep or Honors)
Mathematics	4 credits (must include Algebra II)
Science	1 Physical Science credit 1 Life Science credit 1 Science Elective credit
Social Studies	1 World History credit (beginning with class of 2021) 1 US History credit 1 Government credit
Physical Education	.5 PE credit or PE Waiver with two complete seasons of a sport that has a Varsity team at CHS or Marching Band- must make up .5 credit elsewhere in schedule if this option is selected
Health	.5 Health credit
BT/FA/FL Elective	1 credit in a Business/Technical, Fine Art, or World Language course
Electives	4 Elective Credits or 4.5 with the PE Waiver

Students must also fulfill one of the three testing requirements:

1. [Ohio's State Tests](#) - Earn 18 out of 35 points on seven end-of-course state tests. You can earn up to five points on each test. You need a minimum of four points in math, four points in English language arts and six points across science and social studies.

2. [Industry-recognized credential and score on workforce readiness test](#) - Earn an industry-recognized credential or a group of credentials totaling 12 points and earn the required score on the WorkKeys test. Ohio pays for you to take the test one time. Some districts offer the Senior Only program through which you can earn credentials in one school year.
3. [College and career readiness tests](#) - Earn remediation-free scores* in math and English language arts on the ACT or SAT. Your district chooses either the ACT or SAT. You will take a one-time statewide spring test in grade 11 for free. **Ohio's university presidents set these scores, which are subject to change.*

Areas of Study for College Preparation

Experience has shown that in order to successfully prepare for college level work, high school students should undertake a well-balanced program with some courses in each of the academic fields. These are recommendations and are not requirements for all colleges.

Mathematics, science, and social studies credits should exceed the required minimums for graduation. Some colleges require three to four years of mathematics and three years of social studies. It is recommended that one world language be studied in depth. **However, world language is not required for admission to all colleges.**

The Ohio Board of Regents has stated the following program to be the RECOMMENDED College preparatory program for students attending Ohio's thirteen State Universities. This is the same program as Chardon High School and other universities have been recommending for a number of years. The recommendations include the following:

English: 4 Units
Math: 4 or more units
Science: 3 or more units
Social Studies: 3 or more units
Foreign Language: 2 units
Fine Arts: 1 Unit

These are recommendations and not the exclusive requirement for admission to colleges and universities. Criteria for acceptance vary from school to school and in many cases exceed core requirements.

Honors Diploma Requirements

College Prep Honors Diploma - Must meet at least 7 of 8 criteria:

1. English 4 Units
2. Math 4 Units (Algebra I, Geometry, Algebra II and a higher level course or a four year sequence of courses which contains equivalent content)
3. Science 4 Units (including Physics, Chemistry)
4. Social St. 4 Units
5. For. Lang. 3 Units (or 2 units each of two different foreign languages)
6. Fine Arts 1 Unit
7. Maintain 3.50 cumulative GPA
8. Obtain a composite score of 27 on the ACT (excluding the optional writing test), or a combined score of 1210 on the SAT verbal and math sections (excluding score obtained on the required writing section).

STEM Honors Diploma Requirements

High school students can gain state recognition for exceeding Ohio's graduation requirements through a STEM Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement, for the classes of 2018 and beyond. Students must meet general graduation requirements to qualify for an honors diploma.

STEM HONORS DIPLOMA	
Math	5 units
Science	5 units, including 2 units of advanced science
Social Studies	3 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
Electives	2 units with a focus in STEM
GPA	3.5 on a 4.0 scale

ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus

Vocational Education Honors Diploma Requirements

Vocational Honors Diploma - Must meet at least 7 of 8 criteria:

1. English 4 units
2. Math 4 units (Algebra 1, Algebra II, Geometry and a higher level course or a four year sequence of course which contains equivalent content)
3. Science 4 units (including Physics, Chemistry)
4. Social St. 4 units

5. Voc./Tech 4 units in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship, or is part of an articulated career pathway, which can lead to postsecondary credit. If the student's program design does not provide for any of these outcomes, then the student must achieve the proficiency benchmark established for the applicable Ohio career technical competency assessment or the equivalent;

6. Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment (available at http://www.webxam.org/info_docs.asp or equivalent assessment aligned with state approved and industry validated technical standards

7. Maintain a cumulative 3.5 GPA
8. Obtain a composite score of 27 on the ACT (excluding the optional writing test) or a combined score of 1210 on the SAT critical reading and math (excluding the score obtained on the required writing section).

Requirements for Earning an Ohio Seal of Biliteracy

To determine student eligibility to earn an Ohio Seal of Biliteracy, the answer must be an unqualified “Yes” to all the following questions:

1. Is the student eligible to earn a high school diploma?

Qualifiers:

- a. Is the student currently a senior or a junior in good standing within 15 months of graduating?
- b. Does the student attend a school that is officially participating in the state’s Seal of Biliteracy program – or – is he or she an eligible home-schooled student?

2. Has the student met one of the English language arts proficiency requirements for earning a Seal of Biliteracy?

Qualifiers:

- a. Earned a proficient level or higher on Ohio’s required state tests for high school English language arts I and II; or
- b. Earned a remediation-free score on the English and reading sections of the ACT or SAT; or
- c. Earned a proficient level or higher on an Ohio Department of Education-approved alternative assessment (TerraNova or Iowa Test); or
- d. Earned a score of proficient or higher on the Ohio English Language Proficiency Assessment (OELPA).

3. Has the student satisfied one of the foreign language proficiency requirements for earning a Seal of Biliteracy?

Qualifiers:

- a. Passed an Advanced Placement (AP) foreign language examination with a score of 4 or higher; or
- b. Passed an International Baccalaureate (IB) foreign language examination with a score of 5 or higher on the Higher Level exam or a score of 6 or higher on the Standard Level exam; or
- c. Attained a score of Intermediate High or higher in comprehension, speaking, reading and writing the foreign language based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines found at actfl.org/, using assessments approved by the Ohio Department of Education; or
- d. Qualified for proficiency-based credits through Ohio’s credit flexibility program and attained a score of Intermediate High or higher in comprehension, speaking, reading and writing based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines using assessments approved by the Ohio Department of Education; or
- e. Attained a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency Guidelines in interpersonal signing, presentational signing and demonstrating understanding of American Sign Language on an American Sign Language assessment approved by the Ohio Department of Education; or
- f. Attained a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency Guidelines in interpretive reading and presentational writing on a classical language assessment approved by the Ohio Department of Education.

Scheduling Policies

Grade Classification Requirements

Sophomore	5 credits
Junior	10 credits
Senior	14 credits

All credit-earning courses are included in determining the grade level assignment. Students who fail to obtain the minimum number of credits for the next grade will be recognized at their current grade level.

Student Load

Each student must be enrolled in a minimum of five credits per year. Students are expected to be enrolled in a minimum of six courses.

Course Sequence

Students will be expected to take subjects in sequence and fulfill any prerequisites as indicated by this program of studies booklet. Students may only take courses offered in their grade level.

Drop/Add Policy

From time to time there may be circumstances in which it is recommended a student drop a course. If a student drops a semester course after six weeks or a year long course after ten weeks the student will receive an F for the semester or year long course. The grade of F will be recorded on the transcript and the report card for that quarter in which the drop occurred. If a student makes a level change (e.g., from honors to regular), the in progress grade will transfer to the new class for that grading period.

Programs

Summer School:

Students may wish to consider the possibility of supplementing their program or completing make up work with a summer course. These are typically available online (there are some opportunities at local high schools) and students must discuss with their school counselor prior to the last day of school.

Career Exploration Mentorship:

The Career Exploration Mentorship program links members of the local business community who are willing to serve as mentors to junior and senior students who show an interest in the career field of the mentor. Mentorship involves intensive job shadowing and/or mentorship in which the student achieves the competencies of the course through a combination of on the job study and individualized research. The parent, school counselor, and principal must approve student participation in the mentorship program. Additionally, students must complete an Educational Plan. This plan must be approved by the career mentorship coordinator prior to the placement. A maximum of two units of credit may be applied towards graduation.

Advanced Placement (AP):

AP courses allow high achieving, highly motivated high school students to undertake college-level academic learning. AP exams (administered in May) give students the opportunity to receive college credit, advanced placement or both from hundreds of colleges and universities that participate in the AP program. AP courses make substantial academic demands on students. Students are required to do considerable outside reading and other assignments to demonstrate the analytical skills and writing abilities expected of college freshmen.

Auburn Career Center:

The offerings at Auburn Career Center and its satellite buildings provide juniors and seniors a variety of career choices. While students are obtaining a marketable skill, they are able to take three (3) academic classes at the home school. Applications for Auburn Career Center are available in the guidance office. Programs available include the following:

Advanced Manufacturing	Allied Health Technology
Architecture & Project Mgt	Automotive Collision Repair
Automotive Technology	Business & Management Tech.
Computer Networking	Construction

Cosmetology	Criminal Justice & Security
Culinary Arts	Electrical Engineering Prep
Emergency Medical Services	Heating Ventilation & Air Conditioning
Industrial Maintenance Services	Information Support & Services
Interactive Multimedia Technology	Internet Programming & Development
Patient Care Technician	Plant, Turf & Landscape Management
Sports Medicine	Teaching Professions Pathways
Welding	

College Credit Plus:

College Credit Plus is a program where qualified high school students enroll either full or part-time in a local college for high school and college credit. Beginning with the 2015-16 school year, we will also be offering dual enrollment classes at Chardon High School. Admission requirements vary for each participating college. To be eligible for the program a student must meet the following criteria:

- a) be a full time high school student
- b) attend a required informational meeting to learn the advantages and disadvantages of the program; this parent/student meeting is held in February at Chardon High School
- c) student and parent must sign an "intent to participate" form and turn it into the Guidance Office **no later than April 1st.**
- d) be accepted by the college the student wishes to attend.

Educational Options:

Educational Options (EO) are typically used for courses and content areas not taught or available in the Chardon High School Curriculum. Options include: Distance Learning, Online Coursework, Independent Study, Collegiate Coursework, Educational Travel, Senior Project, Service Learning, Internship, etc. These programs must be pre-approved by the principal and may require the student to identify a licensed "teacher of record" to monitor the plan and assign the final grade. Credits earned through EO **do not count in the minimum course load requirement** which is 5 credits per year. In addition, EO credits **do not count for the 5 credits needed for extracurricular eligibility.** Educational Options credits may be earned as additional credits beyond the 5 credit minimum.

Distance Learning (Credit Flexibility):

Distance Learning (DL) allows students to take courses typically offered during the day at Chardon HS through an approved and accredited provider. DL courses may be taken in an online or correspondence (US Mail) format. These courses are offered as an equivalent to the traditional classroom format of the comparable Chardon High School course. DL courses do count in the 5 credit per year course load minimum requirement. In addition, DL format courses may be used for the 5 credits needed for extracurricular eligibility. However, the student is required to provide, in a timely manner, an official quarter grade or the official equivalent of a quarter grades to the Athletic Director before eligibility is established each quarter. In order to participate in this program, the student and parent are required to attend the Curriculum/CCP Information Night held in February at Chardon High School. The student and parent must then sign an "Intent to Participate" form and turn it into the Guidance Office no later than March 15th. DL courses not endorsed/offered by the appropriate academic department must be approved by the principal.

Credit by Examination (Credit Flexibility):

Credit by Examination (CE) allows students to complete an assessment (exam, series of tests, performance, project, and/or portfolio, etc.) to earn credit for courses typically offered during the day at Chardon High School. The course assessment and completion timeline will be provided by the Department Head in each academic area. Credits earned through CE do not count in the minimum course load requirement which is 5 credits per year. Also, CE credits do not count for the 5 credits needed for extracurricular eligibility. Students who fail to earn credit by attempting CE, may be required to enroll in a comparable traditional (CHS classroom) or Distance Learning option for that course.

Independent Study (Credit Flexibility):

Independent Study (IS) allows students to devise their own course of study for subjects not offered in the Chardon HS curriculum or as an alternative to existing Chardon High School courses. The student must ensure that IS courses meet Ohio Department of Education "Content Standards" for that subject. A faculty committee comprised of the Principal, Counselor, Department Head, and an assigned Teacher/Supervisor will review the proposed course of study to determine: 1) the credit value of the course; 2) the course title; and 3) whether the credit will be counted as a "graduation requirement" or as an "elective." IS courses do count in the 5 credit per year course load minimum requirement. In addition, DL format courses may be used for the 5 credits needed for extracurricular eligibility.

Credit Recovery:

Credit Recovery (CR) is the process of recovering credits for required courses that a student has completed, but failed. CR courses are designed as a review of the subject, not the re-teaching of the entire course. Students may not enroll in CR if they have not already attempted the original course. In other words, students may not use CR courses as a first attempt at passing a particular course. In addition, if students fail the CR course, they must retake the entire course. CR courses are offered through summer school, online, or correspondence through the mail at any time of year. All CR courses attempted must be pre-approved by the principal.

Guidelines for Determining Extra-Curricular Eligibility at CHS

According to the eligibility policy for the Chardon Local School District students must meet the following main criteria:

- Earn at least a 1.5 GPA for the quarter prior to participation
- Earn no F's (failing grades) during the quarter prior to participation
- Be enrolled in at least 5 "full value" courses during the quarter prior to participation.

"Full value" means that the class is a full year class worth 1 credit or a semester class worth .5 credit. Students are expected to take 6 courses.

Additional Information

- Only grades issued for the quarter grading periods count toward eligibility. Final exam scores, semester grades, and year-end grades are not considered.
- Eligibility changes on the 5th school day after the end of a grading period.
- Students who are ineligible may not practice with an athletic team while they are ineligible.
- Families should review the schedules of their sons/daughters prior to each quarter to be sure they meet the eligibility requirements. Keep in mind that dropping a course during the school year may result in ineligibility.
- Students on an I.E.P. are exempt from the G.P.A. criteria but can not receive any F's.
- Students enrolled in college courses through the CCP program should make an appointment with their High School counselor to determine eligibility.
- Please contact the Guidance Department (285-4060) or Athletic Department (286-0414) if there are any questions regarding eligibility.

There are several other factors that can affect a student's eligibility for athletics. These include age limitations, school transfers, residence rules, participation on non-school teams, etc. Please refer to the eligibility pamphlet given out at the beginning of each athletic season or contact the Athletic Director at 286-0414 for more information.

Grade Course Offerings:

Grade 9 Course List			2018-2019		
CODE	COURSE TITLE	CR.	CODE	COURSE TITLE	CR.
Art Courses			Mathematics Courses		
ART 100	Art Foundations	1	MTH 100	Algebra I *	1
Business Courses			MTH 102	Algebra I Honors *	1
BAT 300	Intro to Business (CCP)	1 (sem)	MTH 080	Math Skills Lab (full year)	0.5
BAT 301	Business Ethics (CCP)	1 (sem)	MTH 200	Geometry *	1
BAT 302	Business Communications (CCP)	1 (sem)	MTH 201	Geometry Honors *	1
BAT 303	Intro to Entrepreneurship (CCP)	1 (sem)	MTH 301	Algebra II Honors *	1
English Courses			Media & Technology Courses		
ENG 111	English I College Prep (CP) *	1	CPT 100	Web Design & Development	0.5
ENG 102	English I Honors *	1	CPT 101	Multimedia Design	0.5
ENG 202	English II Honors *	1	CPT 102	Game & App Design	0.5
Foreign Language Courses			CPT 204	AP Computer Science Principles	1
FOR 101	French I *	1	ETC 100	Yearbook	1
FOR 102	French II *	1	ENG 700	Writing for Publications I * (Newspaper)	1
FOR 191	Spanish I: Culture & Conversation *	1	Miscellaneous Courses		
FOR 201	Spanish I *	1	ETC 300	Teen Leadership	1
FOR 192	Spanish II: Culture & Conversation *	1	HUM 100	Academic Decathlon	1
FOR 202	Spanish II *	1	Music Courses		
Family Consumer Sci Courses			MUS 110	Symphonic Band	1
FCS 110	Careers I: Exploring Options	0.5	MUS 210	Concert Choir (Women only)	1
FCS 245	Sports Nutrition	0.5	MUS 211	Symphonic Chorale (Men) (Female aud.)	1
FCS 275	Child Development	0.5	MUS 320	History of Rock & Roll	1
FCS 290	Living On Your Own	0.5	Science Courses		
Health and Phys Ed Courses			SCI 100	Physical Science *	1
HPE 100	Health	0.5	SCI 102	Physical Science Honors *	1
HPE 150	Physical Education I	0.25	SCI 202	Biology Honors *	1
HPE220	Physical Education II	0.25	SCI 095	Forensic Science *	0.5
			Social Studies Courses		
			SOC 120	Modern World History *	1
* NCAA Approved			SOC 121	Modern World History Honors *	1
			SOC 104	AP Human Geography *	1
CCP: MUST meet Lakeland CCP requirements to take a CCP Course					
Forensics: MUST have completed Physical Science					
AP Computer Science: MUST have completed Algebra I					
Multimedia Design: This course creates the daily Video Announcements					
Academic Decathlon: Meets "0" period, 2018-2019					

Grade 10 Course List			2018-2019		
CODE	COURSE TITLE	CR.	CODE	COURSE TITLE	CR.
Art Courses			Mathematics Courses		
ART 100	Art Foundations	1	MTH 200	Geometry *	1
ART 201	2-D Design	0.5	MTH 201	Geometry Honors *	1
ART 202	Drawing I	0.5	MTH 180	Math Skills Lab (full year)	0.5
ART 203	Painting I	0.5	MTH 300	Algebra II *	1
ART 204	Pottery I	0.5	MTH 301	Algebra II Honors *	1
ART 205	3-D Design	0.5	MTH 400	Pre-Calculus *	1
ART 208	Functional Art & Jewelry I	0.5	MTH 401	Pre-Calculus Honors *	1
Business Courses			MTH 704	AP Statistics *	1
BAT 300	Intro to Business (CCP)	1 (sem)	Media & Technology Courses		
BAT 301	Business Ethics (CCP)	1 (sem)	CPT 100	Web Design & Development	0.5
BAT 302	Business Communications (CCP)	1 (sem)	CPT 101	Multimedia Design	0.5
BAT 303	Intro to Entrepreneurship (CCP)	1 (sem)	CPT 102	Game & App Design	0.5
English Courses			CPT 204	AP Computer Science Principles	1
ENG 211	English II College Prep (CP) *	1	Miscellaneous Courses		
ENG 202	English II Honors *	1	ETC 100	Yearbook	1
ENG 302	English III Honors *	1	ETC 300	Teen Leadership	1
English Elective Courses			HUM 100	Academic Decathlon	1
ENG 500	Debate *	0.5	Music Courses		
ENG 550	Speech *	0.5	MUS 110	Symphonic Band	1
ENG 600	Theater Arts I	0.5	MUS 120	Wind Ensemble	1
ENG 650	Theater Arts II	0.5	MUS 210	Concert Choir (Women)	1
ENG 700	Writing for Publications I *	1	MUS 211	Symphonic Chorale (Mixed)	1
ENG 701	Writing for Publications II *	1	MUS 320	History of Rock & Roll	1
Family Consumer Sci Courses			Science Courses		
FCS 110	Careers I: Exploring Options	0.5	SCI 200	Biology *	1
FCS 245	Sports Nutrition	0.5	SCI 202	Biology Honors *	1
FCS 275	Child Development	0.5	SCI 300	Chemistry *	1
FCS 290	Living On Your Own	0.5	SCI 302	Chemistry Honors *	1
Foreign Language Courses			SCI 210	CCP Principles of Biology (S1/S2)	2
FOR 102	French II *	1	SCI 093	Astronomy *	0.5
FOR 103	French III *	1	SCI 095	Forensic Science *	0.5
FOR 191	Spanish I: Culture & Conversation *	1	SCI 501	Anatomy & Biotechnology *	1
FOR 201	Spanish I *	1	Social Studies Courses		
FOR 192	Spanish II: Culture & Conversation *	1	SOC 220	20th Century US History *	1
FOR 202	Spanish II *	1	SOC 221	20th Century US History Honors *	1
FOR 203	Spanish III *	1	SOC 600	Psychology *	0.5
Health and Phys Ed Courses			SOC 750	Military History *	0.5
HPE 100	Health	0.5	SOC 104	AP Human Geography *	1
HPE 150	Physical Education I	0.25			
HPE 220	Physical Education II	0.25			
HPE 351	Training/Conditioning (Sem 1)	0.25			
HPE 352	Training/Conditioning (Sem 2)	0.25			

* NCAA Approved

Grade 11 Course List			2018-2019		
CODE	COURSE TITLE	CR.	CODE	COURSE TITLE	CR.
Art Courses			Mathematics Courses		
ART 100	Art Foundations	1	MTH 200	Geometry *	1
ART 201	2-D Design	0.5	MTH 300	Algebra II *	1
ART 202	Drawing I	0.5	MTH 301	Algebra II Honors *	1
ART 203	Painting I	0.5	MTH 350	Elementary Statistics *	0.5
ART 204	Pottery I	0.5	MTH 351	Making Decisions with Data *	0.5
ART 205	3-D Design	0.5	MTH 390	Discrete Mathematics I *	0.5
ART 206	Functional Art & Jewelry I	0.5	MTH 391	Discrete Mathematics II *	0.5
Business Courses			Media & Technology Courses		
BAT 300	Intro to Business (CCP)	1 (sem)	MTH 400	Pre-Calculus *	1
BAT 301	Business Ethics (CCP)	1 (sem)	MTH 401	Pre-Calculus Honors *	1
BAT 302	Business Communications (CCP)	1 (sem)	MTH 504	AP Calculus AB *	1
BAT 303	Intro to Entrepreneurship (CCP)	1 (sem)	MTH 604	AP Calculus BC *	1
English Courses			Music Courses		
ENG 300	English III	1	CPT 100	Web Design & Development	0.5
ENG 311	English III College Prep (CP) *	1	CPT 101	Multimedia Design	0.5
ENG 302	English III Honors *	1	CPT 102	Game & App Design	0.5
ENG 304	AP English Language and Comp. *	1	CPT 204	AP Computer Science Principles	1
English Elective Courses			Science Courses		
ENG 500	Debate *	0.5	MUS 110	Symphonic Band	1
ENG 550	Speech *	0.5	MUS 120	Wind Ensemble	1
ENG 600	Theater Arts I	0.5	MUS 210	Concert Choir (Women)	1
ENG 650	Theater Arts II	0.5	MUS 211	Symphonic Chorale (Mixed)	1
ENG 700	Writing for Publications I *	1	MUS 320	History of Rock & Roll	1
ENG 701	Writing for Publications II *	1	Science Courses		
Family Consumer Sci Courses			SCI 093	Astronomy *	0.5
FCS 110	Careers I: Exploring Options	0.5	SCI 095	Forensic Science *	0.5
FCS 115	Career Mentorship	1	SCI 299	Environmental Science *	1
FCS 245	Sports Nutrition	0.5	SCI 300	Chemistry *	1
FCS 275	Child Development	0.5	SCI 302	Chemistry Honors *	1
FCS 290	Living On Your Own	0.5	SCI 400	Physics *	1
FCS 210	Leadership & Service Learning	0.5	SCI 401	Physics Honors *	1
Foreign Language Courses			SCI 210	CCP Principles of Biology (S1/S2)	2
FOR 101	French I *	1	SCI 310	CCP General Chemistry (S1/S2)	2
FOR 102	French II *	1	SCI 404	AP Physics C *	1
FOR 103	French III *	1	SCI 501	Anatomy & Biotechnology *	1
FOR 104	French IV *	1	Social Studies Courses		
FOR 201	Spanish I *	1	SOC 104	AP Human Geography *	1
FOR 192	Spanish II: Culture & Conversation *	1	SOC 204	AP World History *	1
FOR 202	Spanish II *	1	SOC 304	AP U.S. History *	1
FOR 203	Spanish III *	1	SOC 400	US Government *	1
FOR 204	Spanish IV *	1	SOC 404	AP Gov't & Politics *	1
Health and Phys Ed Courses			SOC 504	AP European History *	0.5
HPE 100	Health	0.5	SOC 550	International Relations	0.5
HPE 220	Physical Education II	0.25	SOC 604	AP Psychology *	1
HPE 351	Training/Conditioning (Sem 1)	0.25	SOC 600	Psychology *	0.5
HPE 352	Training/Conditioning (Sem 2)	0.25	SOC 650	Criminal Justice *	0.5
Miscellaneous Courses			SOC 700	Sociology *	0.5
ETC 100	Yearbook	1	SOC 750	Military History *	0.5
ETC 300	Teen Leadership	1			
HUM 100	Academic Decathlon	1			

* NCAA Approved

Grade 12 Course List			2018-2019		
CODE	COURSE TITLE	CR.	CODE	COURSE TITLE	CR.
Art Courses			Mathematics Courses		
ART 100	Art Foundations	1	MTH 300	Algebra II *	1
ART 201	2-D Design	0.5	MTH 301	Algebra II Honors *	1
ART 202	Drawing I	0.5	MTH 350	Elementary Statistics *	0.5
ART 203	Painting I	0.5	MTH 351	Making Decisions with Data *	0.5
ART 204	Pottery I	0.5	MTH 390	Discrete Mathematics I *	0.5
ART 205	3-D Design	0.5	MTH 391	Discrete Mathematics II *	0.5
ART 206	Functional Art & Jewelry I	0.5	MTH 400	Pre-Calculus *	1
ART 504	AP Studio Art / Art IV	1	MTH 401	Pre-Calculus Honors *	1
Business Courses			MTH 504	AP Calculus AB *	1
BAT 300	Intro to Business (CCP)	1 (sem)	MTH 604	AP Calculus BC *	1
BAT 301	Business Ethics (CCP)	1 (sem)	MTH 704	AP Statistics *	1
BAT 302	Business Communications (CCP)	1 (sem)	MTH 803	Multivariable Calculus III*	1
BAT 303	Intro to Entrepreneurship (CCP)	1 (sem)	Media & Technology Courses		
English Courses			CPT 100	Web Design & Development	0.5
ENG 400	English IV	1	CPT 101	Multimedia Design	0.5
ENG 411	English IV CP *	1	CPT 102	Game & App Design	0.5
ENG 402	AP English Language & Comp *	1	CPT 204	AP Computer Science Principles	1
ENG 404	AP English Literature & Comp. *	1	Music Courses		
English Elective Courses			MUS 110	Symphonic Band	1
ENG 500	Debate *	0.5	MUS 120	Wind Ensemble	1
ENG 550	Speech *	0.5	MUS 210	Concert Choir (Women)	1
ENG 600	Theater Arts I	0.5	MUS 211	Symphonic Chorale (Mixed)	1
ENG 650	Theater Arts II	0.5	MUS 320	History of Rock & Roll	1
ENG 700	Writing/Publications I *	1	Science Courses		
ENG 701	Writing/Publications II *	1	SCI 093	Astronomy *	0.5
Family Consumer Sci Courses			SCI 095	Forensic Science *	0.5
FCS 110	Careers I: Exploring Options	0.5	SCI 299	Environmental Science *	1
FCS 115	Career Mentorship	1	SCI 300	Chemistry *	1
FCS 200	FCS Teaching Assistant	0.5	SCI 302	Chemistry Honors *	1
FCS 245	Sports Nutrition	0.5	SCI 304	Chemistry Lab Asst.	1
FCS 275	Child Development	0.5	SCI 400	Physics *	1
FCS 290	Living On Your Own	0.5	SCI 401	Physics Honors *	1
FCS 210	Leadership & Service Learning	0.5	SCI 501	Anatomy & Biotechnology *	1
Foreign Language Courses			SCI 210	CCP Principles of Biology (S1/S2)	2
FOR 102	French II *	1	SCI 310	CCP General Chemistry (S1/S2)	2
FOR 103	French III *	1	SCI 404	AP Physics C *	1
FOR 104	French IV *	1	Social Studies Courses		
FOR 202	Spanish II *	1	SOC 104	AP Human Geography *	1
FOR 203	Spanish III *	1	SOC 204	AP World History *	1
FOR 204	Spanish IV *	1	SOC 304	AP U.S. History *	1
FOR 404	AP French Language *	1	SOC 400	US Government *	1
FOR 504	AP Spanish Language *	1	SOC 404	AP Gov't & Politics *	1
Health and Phys Ed Courses			SOC 504	AP European History *	0.5
HPE 100	Health	0.5	SOC 550	International Relations *	0.5
HPE 220	Physical Education II	0.25	SOC 604	AP Psychology *	1
HPE 351	Training/Conditioning (Sem 1)	0.25	SOC 600	Psychology *	0.5
HPE 352	Training/Conditioning (Sem 2)	0.25	SOC 650	Criminal Justice *	0.5
Miscellaneous Courses			SOC 700	Sociology *	0.5
ETC 300	Teen Leadership	1	SOC 750	Military History *	0.5
HUM 100	Academic Decathlon	1			
FMP 400	Senior Mentoring	0.5	* NCAA Approved		
ETC 100	Yearbook	1			

Course Descriptions 2018-2019

ART

Those students wishing to major in art in college should take a serious attitude toward all the course offerings. The development of a portfolio begins at the freshman level in Art I and continues through Art IV. Art courses can also be taken for personal enjoyment and artistic expression.

(Year 1)

Art Foundations

Grades 9-12 -1 credit

It is required that students take this course before taking any other art courses.

This is an introductory course that offers the basics in design, drawing, painting, pottery and printmaking. It is designed for the student who wishes to develop a basic understanding of the elements and principles of art using a variety of basic media and technical applications. A sampling of historical periods in art will be introduced. **An outside sketchbook is required.**

(Year 2)

2 Dimensional Design

Grades 10-12- .50 credit

Prerequisite: Art Foundations or the permission of an art instructor.

In this course, students will be learning about the Elements and Principles of Art/Design with compositional and conceptual problems being explored fully in two dimensions. Line, shape, value, color, spatial interactions, and material qualities will be the main focus of the student. The student will develop a keen sense of creative process through the implementation of research, problem solving, and ideation. Various methods and approaches to giving form (such as additive, subtractive, assemblage and joinery) will be challenges for each concept explored. Projects may include functional objects (jewelry, flatware) as well as non-objective forms.

Drawing I

Grades 10-12 - .50 credit

Prerequisite: Art Foundations or the permission of an art instructor. Recommended to be taken with Drawing/Painting B.

This is the first part of a course designed for the student who wishes to continue developing individual abilities and visual skills while focusing on drawing and mixed media. Subjects such as imagination, life-study, illustration problems, still-life and media such as watercolors, colored pencil, pen & ink, charcoal, oil pastel & digital are examples of the types of work which may be covered during the semester. Self-expression, creativity and communication of ideas will be emphasized through a variety of projects. New techniques and artists related to subjects or techniques will be studied. Outside work (sketchbook) is also required.

Painting I

Grades 10-12 - .50 credit

Prerequisite: Art Foundations or the permission of an art instructor. Recommended to be taken with Drawing/Painting B.

This is the first part of a course designed for the student who wishes to continue developing individual abilities and visual skills while focusing on painting and mixed media. Subjects such as imagination, life-study, illustration problems, still-life and media such as watercolors, tempera, acrylic, oil, & digital are examples of the types of work which may be covered during the semester. Self-expression, creativity and communication of ideas will be emphasized through a variety of projects. New techniques and artists related to subjects or techniques will be studied. Outside work (sketchbook) is also required.

3 Dimensional Design

Grades 10-12- .50 credit

Prerequisite: Art Foundations or the permission of an art instructor.

In this course, students will be learning about the Elements and Principles of Art/Design with compositional and conceptual problems being explored fully in three dimensions. Form, mass, volume, spatial interactions, and material qualities will be the main focus of the student. The student will develop a keen sense of creative process through the implementation of research, problem solving, and ideation. Various methods and approaches to giving form (such as additive, subtractive, assemblage and joinery) will be challenges for each concept explored. Projects may include functional objects (jewelry, flatware) as well as non-objective forms.

Functional Arts or Jewelry

Grades 10-12- .50 credit

Prerequisite: Art II or the permission of an art instructor.

In this course the student will develop individual abilities in three dimensional forms. The course will explore a variety of sculptural media (mainly metal) to create functional or nonfunctional art. The context of each artwork will be based on a cultural influences, historical trends or individual expression. Projects may include functional objects (jewelry, flatware) as well as non-objective forms. The student should be competent in drawing.

Pottery I

Grades 10-12- .50 credit

Prerequisite: Art II or the permission of an art instructor.

This course is designed for the student who wishes to further develop skills in clay to create functional pottery. Projects will include the methods of other cultures, hand building and wheel throwing techniques. The student should be competent in drawing.

(Year 3)

Digital Design I (semester course)

Grades 11-12- .50 credit

Prerequisite: Art Foundations and 1 level of any other medium

In this course students will explore core concepts associated with digital art and technology. By implementing Adobe Photoshop and Adobe Illustrator, the student will work with concepts such as visual communications and graphic design. Projects may include logo, packaging, and brand (personal and business) design, and redesigns.

Drawing II (semester course)

Grades 11-12- .50 credit

Prerequisite: Drawing I or the permission of an art instructor.

Drawing 2 continues to build on basic drawing concepts, methods, and materials that were introduced in Drawing I. Special attention is given to composition, visual analysis, and expression through drawing from observation, as they relate to objects and environments. The language of mark making is also introduced in a range of drawing media. Students develop a personal approach through the use of drawing/sketchbooks. Students are challenged to incorporate skills and theories into resolved drawings; to think critically regarding the content and process of drawing; to develop confidence when experimenting with new media; and to develop vocabulary in order to be an informed participant in class discussions and critiques. Outside work (sketchbook) is also required.

Painting II (semester course)

Grades 11-12 - .50 credit

Prerequisite: Painting I or with permission of an art instructor. Recommended to be taken with Drawing II

Painting II continues to build on basic drawing concepts, methods, and materials that were introduced in Painting I. Special attention is given to composition, visual analysis, and expression through painting from observation, as they relate to objects and environments, along with photographic references. The language of mark making is also introduced in a range of painting media. Students are challenged to incorporate skills and theories into resolved painting; to think critically regarding the content and process of painting; to develop confidence when experimenting with new media; and to develop vocabulary in order to be an informed participant in class discussions and critiques. Outside work (sketchbook) is also required.

Pottery II (semester course)

Grades 11-12- .50 credit

Prerequisite: Pottery I or the permission of an art instructor.

This course is designed for the student who wishes to continue honing skills in clay to create functional pottery. Projects will include the methods of other cultures, hand building and wheel throwing techniques. The student should be competent in drawing.

Jewelry II (semester course)

Grades 11-12- .50 credit

Prerequisite: Jewelry I or the permission of an art instructor.

In this course the student will continue to hone their individual abilities of working with metals and alternative materials. The course will explore a variety of sculptural media (mainly metal) to create functional or nonfunctional art. The context of each artwork will be based on a cultural influences, historical trends or individual expression. Projects may include functional objects (jewelry, flatware) as well as non-objective forms. The student should be competent in drawing.

(Year 4)

Digital Design II (semester course)

Grade 12- .50 credit

Prerequisite: Digital Design I

In this course students will build upon core concepts introduced in digital design I. By implementing Adobe Photoshop and Adobe Illustrator, the student will work with concepts such as visual communications and graphic design. Projects may include logo, packaging, and brand (personal and business) design, and redesigns, while also meeting the demands of a potential client. An outside sketchbook is required.

Production/Business Design (semester course)

Grade 12- .50 credit

Prerequisite: Art Foundations and 2 levels of any other medium(s)

This course will focus on applications of digital and tactile processes, materials, and techniques from concept development through final reproduction. Emphasis will be on creating works that are self-guided and could meet the demands of a client. These processes may include automotive design, industrial design, graphic design, and illustration. A final portfolio will be presented upon completion of course. An outside sketchbook is required.

AP Design or Studio Art

Grade 12-

Prerequisite:

The AP Studio Art classes and portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year.

This course is designed for the art student who is seriously considering furthering one's education in art and wishes to develop a portfolio for college scholarship. Those students who wish Advanced Placement credit may do so through this course. Emphasis will be placed on the quality of one's work showing excellence in its execution. Advanced areas to be addressed will include: portfolio preparation for presentation, higher level conceptual development and production in painting, drawing, printmaking, and 2D design. Media integration through exploration in will be stressed as well. A weekly outside sketchbook is required.

BUSINESS EDUCATION

The ABC's of Investing*

Grades 10-12- .50 credit

Prerequisite: Algebra 1

Why not invest in your future! With today's economy it's more important than ever to use saving and investing as keys to a financially sound future. It's never too soon to start learning how to minimize the risks and maximize the benefits of saving and investing. Make your money work for you! Investigate saving and investment alternatives including certificates of deposit (CD's), stocks, bonds, mutual funds, real estate, and retirement/estate plans. Through participating in an online stock market simulation, you will plan, purchase and evaluate a \$100,000 virtual stock market portfolio. Now is the time to begin investing in your future!

Introduction to Business

Grades 9-12 - 1.0 credit

(CCP Course: Qualified students may receive college credit from Lakeland)

Please note that ALL STUDENTS MUST meet Lakeland standards to enroll in the course.

This course provides an overview of the U.S. business world, focusing on the historical development of American business from the early years to the present. It includes major business functions: management, marketing, manufacturing, distribution, financial operations, and human resource management. It also focuses on business ethics, in theory and practice, in today's highly competitive business environment.

Business Ethics

Grades 9-12 - 1.0 credit

(CCP Course: Qualified students may receive college credit from Lakeland)

Please note that ALL STUDENTS MUST meet Lakeland standards to enroll in the course.

This course introduces students to the relevance and importance of ethics in business. It examines ethical considerations and dilemmas facing corporations, managers, and employees and develops ethical decision-making skills with a stakeholder focus. Students will become familiar with business ethics, views and theories, corporate social responsibility policies and practices, and the application of sustainability to business decisions.

Business Communication

Grades 9-12 - 1.0 credit

Prerequisite - Introduction to Business

(CCP Course: Qualified students may receive college credit from Lakeland)

Please note that ALL STUDENTS MUST meet Lakeland standards to enroll in the course.

This course provides students with a fundamental understanding of important oral and written skills in the business environment. This course includes practical application of oral and written communication skills in a simulated business setting. Students will develop and enhance their skills in researching, planning, writing, editing, and presenting a diversity of business communication. Additionally, emphasis on the process of writing, tone and style, and business correspondence utilizing a diversity of formats will be a major part of this course. Development and improvement of oral and employment communication, including resumes, job interview techniques, and business presentation style, is a component of this course.

Introduction to Entrepreneurship

Grades 9-12 - 1.0 credit

Prerequisite - Introduction to Business

(CCP Course: Qualified students may receive college credit from Lakeland)

Please note that ALL STUDENTS MUST meet Lakeland standards to enroll in the course.

This course explores entrepreneurial opportunities and investigates the various considerations and skills necessary in establishing a small business. Students will learn about the process for conceiving, launching, and developing a business in a competitive market. Topics pertaining to the small business include competitive strategies, ethics, legal issues, financing options, marketing, and the role of the business plan.

COMPUTER TECHNOLOGY

Multimedia Design

Grades 8-12 - .50 credit/sem. (can take both semesters or 1)

Students in MultiMedia Design are responsible for recording, producing, and editing the Chardon High School daily announcements. Students gain an understanding of video and audio editing software through practical, real-world experience. Additionally, students use hardware needed to perform video and audio recording, both in and out of the recording studio.

Students gain a variety of hands-on experiences through a rotating schedule of jobs needed to produce a daily video broadcast, including in front of and behind the camera.

WebD2/Web Design I

Grades 10-12 - .50 credit

WebD2 is an introduction to the design, creation, and maintenance of web pages and websites. Students learn how to critically evaluate website quality, learn how to create and maintain quality web pages, learn about web design standards and why they're important, and learn to create and manipulate images. The course progresses from introductory work on web design to a culminating project in which students design and develop websites for local community organizations.

Game & Application Design

Grades 10-12- .50 credit

What is Game and Application Design? It is a new class for students who enjoy a gaming challenge. A class that not only teaches students how to create well-designed apps, but an app that just might make a difference in the world. Students will learn the fundamentals of app creation with a global purpose and vision in mind. Applying real world skills, students will take on the role of a designer for a video game company and come up with an idea for a simple new video game. Students will work in teams to develop the theme of the game, its rules, and the look and feel of the game. Each team will design the user interface for the game and produce game art.

AP Computer Science Principles

Grades 10-12- 1 credit

Prerequisite Algebra I

AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field.

To appeal to a broader audience, including those often underrepresented in computing, this course highlights the relevance of computer science by emphasizing the vital impact advances in computing have on people and society. By focusing the course beyond the study of machines and systems, students also have the opportunity to investigate the innovations in other fields that computing has made possible and examine the ethical implications of new computing technologies. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them.

Web Design II*

Grades 9-12 - .50 credit

Prerequisite: Web Design I, or approval from instructor

*****This course will not be offered during the 2017-18 school year.**

This second course in Web Design covers advanced HTML, including CSS JavaScript, DHTML and XML, with an additional 3 units in JavaScript. Students learn through the creation of projects, culminating in the programming of a shopping cart web application. Students will be able to create websites that are not only well designed and visually appealing, but are interactive as well. This course involves a significant amount of independent work. Students taking the course should be highly motivated and organized.

ENGLISH

Please note that all English courses will require summer reading. There will be a schoolwide assigned book for all students in every English class. This will be announced late Spring.

College Prep courses study the processes of communication that include: listening, viewing, speaking, dramatizing, reading, and writing. Becoming skillful in these processes is essential to academic, vocational and personal success. These courses are designed to challenge students and prepare them for a 21st Century Course of Study and the skills necessary to be successful in college or the workforce.

Honors English courses study the processes of the language arts in depth. Created for students who comprehend and use various forms of communication with ease and insight, the course of study expects students to exhibit personal initiative and independence as well as creativity and insight. Students are admitted based on staff recommendations and past performance.

English I

Grade 9 -1 credit

This course emphasizes communication skills, both written and oral, as a foundation for future English courses.

English I Summer Reading

<i>College Prep</i>	<i>Honors</i>
<i>TBA</i>	

English II

Grades 9-10 -1 credit

Prerequisite: English I

Students read selected novels, short stories, poems and essays as well as study concepts and terms associated with these forms of writing. The course will continue the development of skills in writing, reading, and speaking.

English II Summer Reading

<i>College Prep</i>	<i>Honors</i>
<i>TBA</i>	<i>To Kill a Mockingbird</i> by Harper Lee

English III

Grades 10-11 -1 credit

Prerequisite: English II

Students will continue studying the processes of communication, focusing on persuasive writing, speaking, and readings from traditional American literature.

English III Summer Reading

<i>College Prep</i>	<i>Honors</i>
TBA	<i>The Great Gatsby</i> by F. Scott Fitzgerald

English IV

Grades 11-12 -1 credit

Prerequisite: English III

Students will conclude their high school study of English in this course which emphasizes application and extension of the language skills acquired in previous courses. Students read selections from traditional literature with emphasis on British Literature and from contemporary selections. Students will write for a variety of purposes and audiences.

AP English Language and Composition

Grade 11

Prerequisite: English III Honors or teacher recommendation

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. *It is strongly suggested that students take the AP Exam in May.*

English IV Summer Reading

<i>College Prep</i>	<i>Honors</i> (Beginning with 2015-16 English IV Hon will become AP English Language and Composition)
TBA	<i>The Picture of Dorian Gray</i> by Oscar Wilde

AP English Literature and Composition

Grade 12 -1 credit

Prerequisite: English IV Honors or teacher recommendation

As an AP course, this is a rigorous college-level course and is focused on composition and literary analysis of fiction. In the daily class discussions, students and teacher will address structure, style, diction, imagery, symbolism, metaphor, motif, tone, theme, syntax, and more. Students will learn how these make a work unique and will be reading from an intensive and extensive reading list. Students read drama, fiction, and poetry, and they will read literature from the past and literature of today. In discussions of literature, they will learn the social, cultural, and historical values a work reflects and embodies.

AP English Summer Reading

All students must read <i>TBA</i>
<i>Read two of the following:</i>

The Thirteenth Tale by Diane Setterfield
The Night Circus by Erin Morgenstern
The Guernsey Literary Potato Peel Society by Mary Ann Shaffer and Annie Barrows
The Book Thief by Markus Zusak
Life of Pi by Yann Martel
The Tiger's Wife by Tea Obreht

Debate/Persuasion

Grades 10-12 - .50 credit

This course is recommended for college preparatory students as well as students who will need public speaking skills for their careers. Debate is a specialized study of oral communication dealing more specifically with skills of analysis and persuasion. The purpose of this course is to provide students with the basic knowledge with which to develop the skills necessary to participate successfully in structured debate, group discussion, and persuasive speech. Each of these areas depends greatly on analytical skills, reasoning skills, and persuasive skills for success; therefore, all are emphasized throughout the course. Through various classroom activities (group discussions, debates, speeches), students have an opportunity to present their opinions and to prove the validity of these opinions.

Speech

Grades 10-12- .50 credit

(Recommended for college prep students)

Fundamentals of Speech will offer students an opportunity to develop public speaking skills through a comprehensive semester speech course. Open to all students in grades 10-12 this course will explore the many facets of speech communication from basic communication principles to media presentations. The course is audience-centered allowing you to improve your public speaking abilities through a variety of speech formats. This course is recommended for the college bound student.

Theater Arts I

Grades 10-12 - .50 credit

Do you enjoy being up and moving around? Do you enjoy getting to know the other members of your classes? Do you need a fine arts credit? This survey course will give students a basic understanding of what theatre is all about. It includes reading plays, and looking at the different aspects of dramatic arts. We will work on building characters, and on building your personal self-confidence. This is a fun class and may include a performance of some kind.

Theater Arts II

Grades 10-12 - .50 credit

Prerequisite: Theatre Arts I

Be sure to save room in your schedule for the second half of Theatre Arts. This will allow you to fill out the year and to use the two courses to fulfill a fine arts credit. Students will now delve more into acting, fine-tuning vocal and movement skills as well as elements of working together with scene partners. Some students may want to prepare monologues for college auditions or community theatre. At the end of the year there is a performance which will involve some basic technical work as well as acting and directing.

Writing for Publications I

Grades 9-12 -1 credit

Teacher recommendation, and instructor approval are required. This course will begin with an introduction to the principles of journalism and will progress to the publication of the student newspaper. Instruction will include gathering information for articles, journalistic style, headlines,

page design and layout, photography. Students will be expected to meet deadlines and operate in a cooperative setting.

Writing for Publications II

Grades 10-12 -1 credit

The purpose of Writing for Publications II (a year-long, one credit course) is to provide students who have already completed Writing for Publications I with a more advanced study of journalism, including, but not limited to the following: the First Amendment, ethics, libel, student press law, news writing, editorial writing, feature writing, entertainment writing, sports writing, photography, newspaper page layout and design, revision, publication, sales and distribution.

FAMILY AND CONSUMER SCIENCES

Careers I: Exploring Options

Grades 9-12 - .50 credit

This course encourages you to think about your future. You will take a close look at the world of work to identify potential career opportunities that match your personal aptitudes, passions and interests. Course content includes career research, introduction to portfolio building, identifying and developing employability skills, financial realities and money management, and techniques for balancing work and personal life. Students enrolled in this course will participate in a job shadowing experience.

Careers II: Post HS Planning

Grades 11-12 - .50 credit

*****This course will not be offered during the 2018-19 school year.**

This course is about making your education after high school a reality. Whether you've set your sights on college, technical school or the military, this course will lead you through the steps to take, plans to make and options to consider in making the life transition to post-secondary education. Content includes understanding college catalogues and recruitment literature, narrowing choices, identifying financial obligations, locating loan, grant, and scholarship information, creating money management plans, registering for the required standardized tests, and beginning the application process (including meeting deadlines, applying for financial aid, requesting letters of recommendation, writing admission essays, polishing interviewing skills, and arranging campus visits). Students will create and present a personal portfolio.

Career Mentorship

Grades 11-12 - .50 credit

This course is an independent study. You will gain exposure and experience in a career field of your choice through a combination of intensive job shadowing, on-the-job study and individualized research. Local opportunities for mentorship might include insurance offices, law enforcement agencies, engineering firms, schools, senior citizen care facilities, landscaping businesses, retail establishments and restaurants. Additionally, you will take part in a variety of career planning activities. You will work with a career mentorship coordinator to complete self-evaluations, identify potential careers, create an educational plan, research a career field, and attend career fairs. You will create a portfolio documenting your course experience. The portfolio will include items such as logs, reflective journals, photographs, video recordings, work samples, and other evidence of engagement. At the end of the course, you will make a public presentation of your mentorship/ work experience.

Child Development

Grades 9-12 - .50 credit

If you are considering a career as a teacher, social worker, psychologist, pediatrician, or child care worker, this course is designed for you. Content centers on the physical, social, emotional and intellectual development of children at various ages and stages, and topics include ways to meet specific growth and developmental needs. This course provides opportunities for field experiences, including creating developmentally appropriate learning tasks and activities, interacting with children in a daycare environment, and conducting a full-scale clinical observation.

Leadership & Service Learning

Grades 11-12 - .50 credit

This course will introduce you to leadership theories and practices as you pursue a leadership role in the school or in the community. Content will include self awareness, communication, citizenship, problem solving, planning/goal setting, running effective meetings, relationship building, fiscal responsibility, character education and wellness. As part of this course, you will participate in community service learning opportunities.

Living On Your Own

Grades 9-12 - .50 credit

This course is a simulation of life in the real world. Through a simulation experience, you will learn about the reality of living on your own. You will find a job, analyze your pay stub, establish a budget, open a checking account, select housing, secure transportation, pay bills, figure taxes, and deal with crisis situations. Subject matter includes career development, housing, clothing, and foods. Emphasis is placed on setting and reaching goals, managing personal finances, relating to others, solving problems, and teamwork.

Personal Finance

Grades 9-12 - .50 credit

*****This course will not be offered during the 2018-19 school year.**

This course is designed to help you make the most of your money and plan for future financial security. Content includes making informed consumer choices, money management, banking, insurance, credit, taxes, investing, retirement and pension plans, using credible resources, business ownership, marketing, legal rights and responsibilities, financial crises, stress related to financial issues, and conserving resources.

Sports Nutrition

Grades 9-12 - .50 credit

This course is for students interested in health, fitness and nutrition for an active lifestyle. Content includes an analysis of the specific nutritional needs of an athlete, exercise and physical fitness, body fat analysis, losing and gaining weight, healthy foods, sports drinks and nutritional supplements, creating a training diet, preparing for competition, and pre-game meals.

Teen Topics

*****This course will not be offered during the 2018-19 school year.**

Grades 9-12 - .50 credit

This course addresses a myriad of problems and concerns that nearly all adolescents face. With an emphasis on the development of character, leadership, citizenship and personal responsibility, you will be introduced to processes and strategies that might help when dealing with troubling, stressful situations. Actual topics will vary, depending on the needs of students and the times, but could include violence, teen pregnancy, substance abuse, eating disorders, sexual harassment, racism, bullying, date rape, the responsible use of technology, and managing personal finances.

Nutrition and Wellness

*****This course will not be offered during the 2018-19 school year.**

Grades 9-12 - .50 credit

This course advocates a healthy lifestyle by teaching the importance of diet, proper nutrition and wellness. You will learn to address the physical, emotional, and social aspects of healthy living. Content includes food sciences principles, selecting and preparing healthy foods, dieting pitfalls, fad

diets, and eating disorders. Finding unobtrusive ways to incorporate physical activity into your lifestyle is one interesting aspect of this course.

The following courses require individual placement from guidance counselors/ teachers.

Living Skills I & II

Grades 9-12 - .50 credit

*****This course will not be offered during the 2018-19 school year.**

Teacher recommendation and guidance counselor placement are required

This course is designed to help students make the transition from high school to independent living and the world of work. The student, taught through everyday life activities, learns about money management, finding and keeping a job, and maintaining a home. Additionally, the course teaches basic academic content in language arts, math, science and social studies, as they are applied in real world situations.

Personal & School Management

Grades 9-12 - .50 credit

Teacher recommendation and guidance counselor placement are required

This course is for students who need extra academic help and for students who just need help in getting and staying organized. Class content includes setting and reaching goals, decision making, time management, stress management, learning styles, and mastering study skills such as note taking, textbook use, memorization techniques, and preparing for a test. Students learn to use the computer to access their teachers' online lesson plans. Students also learn to track their grades and stay current with their assignments by using the online program, *Teacherease*.

Teaching Assistant (TA)

Grade 12 - 1 credit

Teacher recommendation is required

Prerequisite: two credits of FCS, attendance at the CHS summer leadership camp and teacher permission. This is an advanced course involving leadership both in and out of the classroom. Seniors apply the previous spring to become a TA.

WORLD LANGUAGE

Chardon High School currently offers French and Spanish. One language is not easier to learn than the other. Both involve skill in listening, speaking, reading, and writing, as well as memorization of vocabulary, spelling, and grammar. Please note that the Foreign Language department strongly recommends a minimum final grade of C before a student advances to the next level in either language. **Foreign Language is not required for graduation from high school. Foreign Language is recommended for college bound students. Some, not all, colleges require two or more years of a foreign language.**

French 1/Spanish 1

Grades 9-11 -1 credit

This course is an introduction to communicating in French or Spanish by means of building basic vocabulary and developing the skills of listening, speaking, reading, and writing. The class includes an introduction to culture in the various countries where the languages are spoken. Strong memorization skills and an understanding of grammar concepts and usage is required in this course. Students who struggle in English classes may find foreign language very challenging.

French 2/Spanish 2

Grades 9-12 -1 credit

Prerequisite: French I, Spanish I.

Our second-year course builds on the foundation established in level I. The class expands grammar concepts, along with further study of culture, vocabulary, and skills in communication.

Spanish 2: Culture and Conversation

Grades 10-11

Prerequisite: Spanish 1 or Spanish 1: Culture and Conversation

This class is a continuation of the skills and knowledge acquired in Spanish 1 Culture and Conversation class. Students will expand their conversation, listening, reading and writing skill with a continued emphasis on Hispanic culture. Teacher recommendation is required for this class. This class does not qualify as the prerequisite for Spanish 3. A student wishing to take Spanish 3 will need to take regular Spanish 2.

French 3/Spanish 3

Grades 10-12 -1 credit

Prerequisite: French II, Spanish II.

This course takes the student to a more sophisticated level in the language, especially in the use of more complex grammar and a variety of verb tenses. Studies in culture, reading, and communicative skill are more detailed and more refined.

French 4/Spanish 4

Grades 11-12 -1 credit

Prerequisite: French III, Spanish III.

This advanced course takes the student further into advanced grammar and communicative skill, along with a detailed study of culture topics such as film, music, art, and historical figures. Our

reading activities include selections from authentic (that is, “real”) literature. This level also provides the beginnings of preparation for placement testing for college credit.

AP French Language/AP Spanish Language

Grade 12 -1 credit

Prerequisite: French IV, Spanish IV.

Our fifth-year course is geared for those wishing to obtain college credit, especially on the AP exam. The class includes grammar review, writing, and conversation. In addition to practice for taking the AP exam, students will study detailed culture topics (similar to level IV), current events, and literature. *It is strongly suggested that students take the AP Exam in May.*

HEALTH & PHYSICAL EDUCATION

It is recommended that freshman take physical education and health during their 9th grade year. However, they can take these courses during 10th grade if necessary. Physical Education I, fulfills half of the physical education graduation requirement, and is a prerequisite for all other physical education classes.

Physical Education I

Grade 9 - .25 credit

This semester class is a prerequisite for all other high school physical education classes and a graduate requirement. Students will learn the benefits of daily physical activity and the relationship of fitness to overall health. Through a variety of fitness activities and games (basketball, corn hole, flag football, floor hockey, pickle ball, softball, team handball, volleyball, intro to weight room, and much more) designed to improve strength, flexibility, coordination/agility, and endurance, the students will learn to:

- 1) assess your current fitness levels
- 2) compare your fitness levels to national standards
- 3) develop and enact a plan to improve your fitness levels

Physical Education II

Grades 9 -12 - .25 credit

Prerequisite – PE I

This semester class can be used to complete the one-half credit physical education graduation requirement. Students will advance their knowledge of the role of fitness in promoting health by participating in team, individual and contemporary fitness and recreational activities which will include: ultimate frisbee, bocce ball, badminton, eclipse ball, soccer, yoga, bosu ball, resistance band training, cardio-walking/jogging, T25, TapOutXT, and much more. These activities will serve to improve fitness levels and promote a desire to be physically active for life. Measurements of cardiovascular endurance, muscle strength and endurance, flexibility, and agility will be used to assess fitness and plan for improvement. Class requirements may include fitness activities beyond the school day.

Training and Conditioning

Grades 10-12 - .25 credit

Prerequisite: PE I

Students of all fitness levels will use training, conditioning and nutritional techniques to improve strength, coordination, power, flexibility and speed. These techniques include weight training, plyometrics and stretching. It is organized around the "Bigger, Faster, Stronger" developmental program for physical and sports-related fitness. Students will be evaluated on daily participation, work and fitness journal.

Health

Grades 9-10 - .50 credit

This one semester required course focuses on the capacity of an individual to obtain, interpret, and understand basic health information and services. It also is aimed at developing skills to use

information and services, which are health enhancing. This course emphasizes the impact of lifestyle choices on all aspects of personal health. Subject matter in this course includes but is not limited to; nutrition, mental and emotional health, body systems, risk behaviors, diseases, healthy relationships, and substance abuse. This information and skills taught will help guide students to make healthy decisions and promote wellness.

Physical Education Assistant

Grades 11-12- .25 credit

Prerequisite: Phys. Ed. I with a grade of C/Teacher Recommendation. Prospective Physical Education assistants must demonstrate skill, proficiency and the ability to serve in a leadership role for other students. Responsibilities include equipment management, organizational duties, supervision and assistant instructional role. Guidelines and permission forms are available from instructors. **This class does not meet the physical education requirement for graduation. Students must have completed both courses required for graduation.**

MATHEMATICS

COURSE NAME	NUMBER OF SEMESTERS	CREDIT	GRADE LEVELS
Algebra 1	2	1	9
Geometry	2	1	10-11
Honors Geometry	2	1	9-10
Algebra 2	2	1	10-11
Honors Algebra 2	2	1	9-11
PreCalculus	2	1	11-12
Honors PreCalculus	2	1	10-12
AP Calculus AB	2	1	11-12
AP Calculus BC	2	1	11-12
Multivariable Calculus	2	1	12
AP Statistics	2	1	10-12
Discrete Mathematics I	1	1/2	11-12
Discrete Mathematics II	1	1/2	11-12
Elementary Statistics	1	1/2	11-12
Making Decisions with Data	1	1/2	11-12

** A graphing calculator is **required** for all math courses. The TI-84 plus model is recommended.

The Chardon High School Mathematics Department implements Ohio's Learning Standards based on the Common Core State Standards (CCSS), a collaboratively developed core set of national academic standards in mathematics and English language Arts. The standards are research based, internationally benchmarks, developmentally appropriate and aligned with college and career readiness expectations. The CCSS include a more rigorous level of content than past Academic Standards and will require application of knowledge through higher-order thinking skills. For more information, visit www.commoncore.org

To accomplish this, grades 6 - 12 uses the College Preparatory Mathematics Program (CPM) which, on a daily basis, engages students in using problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. **Students learn in collaboration with others, sharing information, expertise, and ideas** while the teacher continuously provides structure and direction to the collaborative teams, checks for understanding, and questions student processes and by giving clarifying instructions and guidance. The teacher gives targeted lectures or holds whole-class discussions as appropriate. For more information, visit www.cpm.org

Course Descriptions

Algebra 1	2 semesters	1 cr	gr 9
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Prerequisites: Middle School Math 8

Description: *Core Connections Algebra* is the first course in a five-year sequence of college preparatory mathematics courses that starts with Algebra I and continues through Calculus. Core Connections Algebra aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations and inequalities and systems; extending these skills to solving quadratic and exponential functions; exploring functions, including sequences, graphically, numerically, symbolically and verbally; and using regression techniques to analyze the fit of models to distributions of data.

Geometry	2 semesters	1 cr	gr 10-11
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Prerequisites: Algebra I

Description: *Core Connections Geometry* is the second course in a five-year sequence of college preparatory mathematics courses that starts with Algebra I and continues through Calculus. Core Connections Geometry aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of two and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events.

Geometry Honors	2 semesters	1 cr	gr 9-10
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Prerequisites: Algebra I

Description: *Core Connections Geometry* is the second course in a five-year sequence of college preparatory mathematics courses that starts with Algebra I and continues through Calculus. Core Connections Geometry aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of two and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events.

Algebra 2	2 semesters	1 cr	gr 11-12
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Prerequisites: Algebra I & Geometry

Description: *Core Connections Algebra 2* is the third course in a five-year sequence of rigorous college preparatory mathematics courses that starts with Algebra I and continues through Calculus. Core Connections Algebra 2 aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions.

Algebra 2 Honors	2 semesters	1 cr	gr 9-11
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Prerequisites: Algebra I & Geometry

Description: *Core Connections Algebra 2* is the third course in a five-year sequence of rigorous college preparatory mathematics courses that starts with Algebra I and continues through Calculus. Core Connections Algebra 2 aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions.

Elementary Statistics	1 semester	1/2 cr	gr 11-12
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Prerequisites: Geometry

Description: This is a semester course which gives students an alternative course option to obtain an additional 1/2 credit of math needed for graduation. This course features topics, techniques, and activities that involve students with real data. Topics include descriptions of statistics, samples and surveys, organizing data using frequency distributions, histograms, bar graphs, circle graphs, time-series graphs and stem & leaf displays, measures of central tendency, measures of variation, standard deviation, box and whisker plots, correlation of data, scatter plots, and linear regression.

Making Decisions with Data	1 semester	1/2 cr	gr 11-12
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Prerequisites: Algebra 2

Description: This is a semester course which gives students an alternative course option to obtain an additional 1/2 credit of math needed for graduation. This course features topics, techniques, and activities that involve students with real data. Topics include probability theory, rules and compound events, trees and counting techniques, random variables and probability distribution, binomial probabilities and additional properties of binomial distributions, normal curves and sampling distributions, graphs, areas under the standard normal distribution, areas under any normal curve, sampling distributions, the Central Limit theorem, normal approximation to binomial distributions.

Discrete Math I	1 semester	1/2 cr	gr 11-12
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Prerequisites: Algebra 2

Description: This course is designed to show how mathematics works directly and indirectly in our lives. Discrete Mathematics involves the study of the properties, algorithms and applications of

mathematical structures built on discrete objects. Many of the problems, activities and discussions demonstrate how math relates to subjects like art, architecture, law, safety, sports, sociology, psychology, business, economics, medicine, forensics, logistics and technology. The course allows students to explore historical as well as contemporary mathematical thinking, helping them see math at work in the world by presenting problem solving in purposeful and meaningful contexts that generally interest and relate to young adults.

Discrete Math II	1 semester	1/2 cr	gr 11-12
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Prerequisites: Algebra 2

Description: Similar in design to Discrete Math 1, topics include linear and non-linear functions with optimization, Euclidean vs non-Euclidean geometry, graph theory & networks, chaos theory & fractals, personal finance & decision-making, and statistics.

Pre-Calculus	2 semesters	1 cr	gr 11-12
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Prerequisites: Algebra 2

Description: Pre-Calculus with Trigonometry is designed as the fourth course in a five-year sequence of college preparatory mathematics for high school students. In addition to covering all of the key concepts found in traditional trigonometry, pre-calculus, or math analysis courses, it emphasizes several big ideas that form a foundation for calculus and other college mathematics curricula. The key ideas presented include: transformations of functions, periodic functions and their graphs, area under a curve as a foundation for integration, inverses, exponentials, and logarithmic equations and applications, limits to infinity and at a point, properties of functions including continuity, increasing vs. decreasing, and concavity, average rates of change and instantaneous rates of change as a foundation for derivatives, and other graphical systems including polar and parametric, applications of vectors and trigonometric functions, algebraic fluency and simplification techniques, modeling using a variety of functions.

Pre-Calculus Honors	2 semesters	1 cr	gr 10-12
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Prerequisites: Algebra 2 Honors

Description: Pre-Calculus with Trigonometry is designed as the fourth course in a five-year sequence of college preparatory mathematics for high school students. In addition to covering all of the key concepts found in traditional trigonometry, pre-calculus, or math analysis courses, it emphasizes several big ideas that form a foundation for calculus and other college mathematics curricula. The key ideas presented include: transformations of functions, periodic functions and their graphs, area under a curve as a foundation for integration, inverses, exponentials, and logarithmic equations and applications, limits to infinity and at a point, properties of functions including continuity, increasing vs. decreasing, and concavity, average rates of change and instantaneous rates of change as a foundation for derivatives, an other graphical systems including polar and parametric, applications of vectors and trigonometric functions, algebraic fluency and simplification techniques, modeling using a variety of functions

AP Statistics	2 semesters	1 cr	gr 10-12
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Prerequisites: Algebra II

Description: This college-level course is intended to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data: describing patterns and departures from patterns; Sampling and Experimentation: planning and conducting a study; Anticipating Patterns: exploring random phenomena using probability and simulation; Statistical Inference: estimating population parameters and testing hypotheses. According to the College Board, common college majors requiring statistics include: Aerospace Engineering, Agricultural Engineering, Air Transportation, Applied Mathematics, Astronomy, Atmospheric Sciences and Meteorology, Business Administration and Management, Computer Science, Computer Software Engineering, Criminal Justice, Criminology, Economics, Education, Environmental Studies, Ethnic Studies, General, Exercise Science, Foods, Nutrition, and Wellness Studies, Geography, Industrial Engineering, Information Science, Insurance, Library and Information Science, Management Science, Mathematics, Physician Assistance, Physics, Psychology, Public Administration, Public Policy Analysis, Social Work, Statistics, Urban Studies.

Note: Because AP Statistics is not a "typical" math course, interested students should not be discouraged from **doubling-up** with another math course (i.e. **Pre-Calculus**). **It is strongly recommended that students take the Advanced Placement Exam in May.**

AP Calculus AB	2 semesters	1 cr	gr 11-12
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Prerequisites: Pre-Calculus

Description: AP Calculus AB is roughly equivalent to a first semester college calculus course covering topics in differential and integral calculus. This AP course covers topics in these areas, including concepts and skills of limits and continuity, rates of change and instantaneous rate of change, the definition of a derivative, Riemann sums, differentiation including velocity, acceleration, analyzing a curve, optimization, related rates, the Mean Value Theorem, integration including area under a curve, between curves, volumes of revolutions and known cross-sections, integration using substitution, differential equations, slope fields, l'Hopital's Rule, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. **It is strongly recommended that students take the Advanced Placement Exam in May.**

AP Calculus BC	2 semesters	1 cr	gr 11-12
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Prerequisites: Pre-Calculus Honors (A/B average)

Description: Calculus BC is an extension of Calculus AB where common topics require a similar and more advanced depth of understanding. In addition, students study Newton's method, improper integrals, as well as integrating with partial fractions and integrating by parts, arclength, convergence and divergence of infinite series, differentiation and integration of polar functions, as well as parametric functions and vector functions, logistic curves, Taylor and Maclaurin polynomials, as well as the error. Students should be concurrently enrolled in Physics or AP Physics or have already completed Physics. **It is strongly recommended that students take the Advanced Placement Exam in May.**

MULTIVARIABLE CALCULUS (Calculus III)	2 semesters	1 cr	gr 12
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Prerequisites: C or better in Calculus BC or by approval of the instructor

Description: This course is a continuation of Calculus BC. Many phenomena studied in science and engineering are described by functions of several variables and by vector valued functions. This course is an introduction to the calculus of such functions. Topics include vectors and the geometry of space, vector-valued functions, multiple integration and vector analysis.

MISCELLANEOUS

Yearbook

Grades 8-12 – 1 credit

Prerequisites: Teacher recommendation and permission of instructor

The staff of students in this course publish the school yearbook "The Hilltopper." Throughout this rigorous course, students will work to develop skills in five major areas of publication including layout and design, journalism, photography, marketing (advertising sales), and collaboration. Strong writing ability is necessary. Students must possess self motivation and discipline in order to meet long term deadlines and work in a collaborative classroom setting. Enrollment is limited and staff members are required to spend time after school hours to cover events and sell advertisements. A digital camera is not required.

Teen Leadership

Grades 9-12 – 1 credit

Teen Leadership Corp is designed to engage students in a meaningful set of community service activities: planning, community, education, budgeting, volunteer recruitment and management, public relations and fundraising. In this class, teams of students will design and implement a coordinated series of projects related to Teen Leadership Corps' prime mission of intergenerational service to the school and the community. This course serves a twofold purpose:

1. Addressing school and community based issues and needs.
2. Developing leadership, problem-solving and positive character skills for lifelong service and citizenship.

Academic Decathlon

Grades 9-12 – 1 credit

Academic Decathlon is a premier academic competition. Chardon High School offers Academic Decathlon as a humanities course designed to prepare students for this competition. Teams compete at the regional, state, and national level. Each team must consist of three "A" students, three "B" students, and three "C" students, thus providing a classroom with a diverse mixture of students. The curriculum, which follows a different theme each year (for example European Imperialism), covers a depth of knowledge in each of the following categories – art, music, math, literature, economics, science, and social sciences. In addition the students will work on writing skills, public speaking, and interviewing abilities.

Academic Decathlon Summer Reading

<p>There will be summer reading to be determined at a later date.</p>
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Freshmen Mentoring Program (FMP)

Grade 9

Participation is mandatory for all freshmen. This course is a unique peer mentoring program which allows selected senior students to mentor incoming freshmen. Mentoring occurs during Topper Time for the duration of Semester 1. The goals of the program are for freshmen to experience academic success, to develop life skills, and to make a positive social adjustment to Chardon High School.

Senior Mentoring

Grade 12 - .50 credit

An application and committee recommendation are required

At the heart of the Freshman Mentoring Program (FMP) are the Senior Mentors. Seniors apply the previous spring to become one of 66 classroom mentors whose responsibilities incorporate taking daily attendance, planning daily classroom activities, tutoring students with academic need, facilitating small group discussions, leading mini lessons and communicating with the FMP Coordinators.

MUSIC

Symphonic Band

Grades 9-12 -1 credit

This band is designed for students who can perform intermediate to advanced levels of band music. Members of this class will have a chance to perform various styles of band literature from orchestral transcription to pop music.

An audition is required. Students in this ensemble are expected to participate in marching band. Students who do not perform in marching band will be given other assignments.

Wind Ensemble

Grades 10-12 -1 credit

This band is designed for students who can perform very advanced high school as well as collegiate levels of music. Members of this class will have the chance to perform various styles of band literature from contemporary to orchestral transcriptions. **ATTENDANCE AT ALL PERFORMANCES IS REQUIRED.** Students in this ensemble are expected to participate in Marching Band. An audition is required.

Concert Choir

Grades 9-12 - 1 credit

This organization is open to students in all grade levels who wish to sing but have not developed the necessary skills to sing in one of the advanced groups. Music is selected from all styles, classical to pop, and performed at several concerts throughout the year. **ATTENDANCE AT ALL**

PERFORMANCES IS REQUIRED. A strong emphasis is placed on developing the techniques of good choral singing, sight-singing, and musicianship.

Symphonic Chorale

Grades 9-12 -1 credit

Prerequisite: Audition (sight-singing, vocal, and written test of musical knowledge) and one year of Concert Choir, or three years of middle school choir or equivalent.

This course is an upper level Choir; and is designed to refine choral singing ability, sight-singing skills and musicianship. Music studied includes sacred and secular classics, folk songs, spirituals, swing, Broadway and other styles reflective of various world cultures. This choir participates in Solo and Ensemble Contest, and OMEA District and State Competitions in addition to several concerts throughout the year. **ATTENDANCE AT ALL PERFORMANCES IS REQUIRED.**

History of Rock and Roll

Grades 10-12 - 1 Credit

The History of Rock and Roll course will introduce the student to the evolution of American popular music from its early blues roots to the music from 1950 to the 1990's. Students will study the social, political, technological, and economic forces that shaped the music as well as all major genres of rock music. The materials and facts presented in this class, in addition to being historical, are **very**

graphic and direct. The course includes detailed listening assignments and an introduction to musical vocabulary and concepts.

SCIENCE

Physical Science

Grade 9 – 1 credit

The subject matter will concentrate on physics and chemistry in this yearlong course. Various concepts will be explored in a laboratory setting and through class lectures and demonstrations. This course explores physical science at a conceptual level, and only basic math skills will be needed. Topics to be discussed include motion, forces, energy, heat waves, sound and light, phases of matter, the Periodic Table, chemical bonding, molecular mixing, chemical reactions and acids and bases. Skills necessary for the collection and interpretation of data will also be stressed.

Physical Science Honors

Grade 9 -1 credit

Prerequisite: Teacher recommendation and successful completion of Algebra I or Teacher recommendation.

The subject matter will concentrate on physics and chemistry, using mathematical concepts and formulas. Various concepts will be explored in a laboratory setting and through class lectures and demonstrations. Physics topics to be discussed include motion, forces, energy, heat, waves, sound and light. Chemistry topics include phases of matter, the Periodic Table, chemical bonding, molecular mixing, chemical reactions and acids and bases. Skills necessary for the collection and interpretation of data will also be stressed.

Biology

Grade 10 -1 credit

This course is designed to cover biological principles, zoology, human physiology, the study of diseases, heredity, and ecology. Dissections, demonstrations and experiments form an important part of the class activities.

Biology Honors

Grade 9-10 -1 credit

Prerequisite: Successful completion of Physical Science Honors and/or teacher recommendation.

This is an accelerated introductory biology course that deals with topics similar to those in regular biology, at a considerably faster pace. In addition, greater depth of coverage of genetics, molecular biology and biochemistry is included, with related laboratory exercises. The overall focus is on processes being supported by structures, rather than on structures alone.

Environmental Science

Grades 11-12 -1 credit

This course studies the interaction of all of the earth's systems, including climate, geology and soils, plant distributions, and animal population changes. Current environmental issues are assessed from a scientific standpoint, including human effects such as pollution, erosion, extinction and global climate change. Labs focus on hands-on activities, biome modeling and interactions in food chains

and food webs. This course requires successful completion of a year long project in order to earn credit for the course.

Anatomy & Biotechnology

Grades 11-12 -1 credit

It is helpful if students enrolling in this course have already completed chemistry. This course concentrates on human anatomy and physiology, and on the emerging field of biotechnology. Lab work focuses on DNA extraction, manipulation, and analysis, including forensics; cell and tissue types, and body systems and physiology. Students should have earned a C or better in Biology. This course is strongly recommended for students considering a health science career.

Chemistry

Grades 11-12 -1 credit

Successful completion of Geometry is required.

The topics covered are the following: Introduction to common laboratory equipment and procedures, laboratory safety, history of chemistry, measurements, physical and chemical properties, classification of matter, energy and temperature, atomic structure, periodic law, chemical bonding, formula writing, equation balancing, chemical calculations, gas laws, kinetic molecular theory, molecular composition of gases, state of matter, solutions and related properties, ionization theory, acids, bases, and salts, kinetics, heat of reaction, equilibrium, oxidation - reduction, and electrochemistry. Laboratory work and problem solving techniques will be stressed.

Chemistry Honors

Grades 11-12 -1 credit

This class is for the advanced or accelerated science and math student. A mastery of Algebra and Geometry concepts is essential to success in this class.

Topics covered are: Introduction to common laboratory equipment, safety equipment and procedures, history of chemistry, measurements, kinetic molecular theory, gas laws, formula writing, writing and balancing of equations, atomic theory, periodic law, chemical calculations, chemical bonding, kinetic of chemical reactions, equilibrium, acid-base theory, oxidation - reduction, electrochemistry, and polymers. The laboratory approach is stressed and problem-solving techniques are utilized.

Physics

Grades 11-12 -1 credit

Suggested for students who have not yet reached the calculus level. It is recommended for students currently enrolled in Pre-Calculus.

Topics covered include the following: the behavior and nature of light (wave and particle models), kinematics, vectors, dynamics, laws of conservation of momentum and energy, static and current electricity, magnetism, atomic models and matter waves.

Physics Honors

Grades 11-12 - 1 credit

Required math level : Pre-calculus taken or are currently taking- must have teacher recommendation

This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and

trigonometry, but rarely calculus. In most colleges, this is a one-year terminal course including a laboratory component and is not the usual preparation for more advanced physics and engineering courses. However, the course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science.

AP Physics C: Mechanics

Grades 11-12 -1 credit

Co-requisite: AP Calculus

AP Physics C: Mechanics is intended to prepare students for the AP Physics C exam in the area of Newtonian mechanics. This calculus-based science course will thoroughly examine the topics of kinematics, Newton's laws of motion, work, energy, power, systems of particles, linear momentum, circular motion, rotation, oscillations and gravitation. The course meets seven periods per week to allow for laboratory investigations. *It is strongly suggested that students take the AP Exam in May.*

CCP General Chemistry

Grades 11-12 - 2 credits (1 credit/semester)

CHEM 1500 General Chemistry I: (Sem 1)

5 College Credits

Prerequisite: CHEM 1100 or high school chemistry, or placement test into MATH 1700

This course focuses on the principles of college chemistry, including measurements and dimensional analysis, formulas, equations and stoichiometry, solution reactions, gas laws, thermochemistry, atomic and electronic structure, the periodic table, bonding, and molecular geometry. Students will complete lab experiments related to these topics. This course is recommended for students who are pursuing an associate degree, or who are science-engineering majors, or who are attempting to qualify for a career in a health field such as physical therapy. *It is strongly suggested that students take the AP Exam in May.*

CHEM 1600 General Chemistry II: (Sem 2)

5 College Credits

Grades 11-12 - 2 credits (1 credit/semester)

This course continues the study of the principles of college chemistry, including organic nomenclature, solids and liquids, solutions, chemical kinetics, molecular equilibrium, acid-base theory, acid-base equilibrium, precipitation and complex ion equilibrium, oxidation-reduction, and electrochemistry. Students will complete lab experiments related to these topics. *It is strongly suggested that students take the AP Exam in May.*

CCP Principles of Biology I

Grades 10-12 - 2 credits (1 credit/semester)

BIOL 1510 Principles of Biology I (Sem 1)

4 College Credits

Prerequisite: High school biology or permission of instructor

This course introduces students to the organization of living systems, energy transfer, and continuity of life, biodiversity, and classification of living things for the science major. The topics include biological history, structure and functions of cells and cellular organelles, cell division, general biochemistry, cellular respiration, photosynthesis, DNA structure and function, protein synthesis, heredity, evolution, animal development, and classification. It also introduces viruses, prokaryotes, Protista, and fungi. This course has both a lecture and laboratory component. *It is strongly suggested that students take the AP Exam in May.*

BIOL 1520 Principles of Biology II (Sem 2)

4 College Credits

This course builds on the concepts introduced in BIOL 1510 Principles of Biology I. It provides an overview of the structural and functional characteristics of animals and plants and the basic concepts of ecology. This course introduces the major animal and plant phyla and examines their taxonomic, evolutionary, and organizational relationships, and their life cycles. Additional topics include animal tissues, organs, and organ systems; the structure and function of vascular plants; and ecology. This course and BIOL 1510 provide a general introduction to the biological sciences for the science major. *It is strongly suggested that students take the AP Exam in May.*

AP Biology

Grade 12- credit

*****This course will not be offered during the 2018-19 school year.**

Prerequisite: Completion of Chem. and Bio. Honors; or permission of instructor

AP Biology is a year-long course that is designed to prepare students for Advanced Placement Exam in Biology. The course is designed around the new AP Biology curriculum framework that focuses on the Big Ideas in biology and their connections. The curriculum provides a basis for students to develop strong conceptual understanding in biology and the opportunity to integrate that knowledge through inquiry-based activities and laboratory investigations. There is less memorization and more content depth. Reading skills are very important for the format of the new test. The AP biology curriculum is structured around four Big Ideas: Evolution, Energy Processes, Information, and Interactions. These ideas encompass the core principles and the theories of all living systems. To master the concepts, students will learn through modes of: Tests, quizzes, labs, activities, video lectures, current event articles, and scientific journals. *It is strongly suggested that students take the AP Exam in May.*

AP Chemistry

Grade 11-12 -1 credit

*****This course will not be offered during the 2018-19 school year.**

Prerequisite: Chemistry & Algebra II.

This class is for the advanced student who wishes to prepare for the AP exam in Chemistry. Review of basic Chemistry principles followed by work with kinetics, acid/base reactions, thermo-dynamics, and equilibrium systems. The required laboratory work for the AP exam is incorporated into the lab work. This class meets seven periods per week. *It is strongly suggested that students take the AP Exam in May.*

Astronomy

Grades 10-12 - .50 credit

Students enrolling in astronomy must have taken Algebra and Geometry.

Concepts will be explored in a laboratory setting and through class activities and demonstrations. Topics to be covered are evolution of stars, astronomical measurement, history of astronomy, planets, constellations and use of astronomy tools. This course is for students interested in the "why" of astronomy who would like some hands-on experiences and a better understanding of the universe around us.

Forensic science

Grades 11-12- .50 credit

Prerequisite: Physical Science

Forensic Science is a semester long, elective class for juniors and seniors. It is an inquiry-based course rich in exploration and lab investigations that cover many disciplines of scientific study such as biology/anatomy, chemistry, and physics for the purpose of solving crimes. Also, case studies and

current events will be explored. In the future, forensics could partner up with the Criminal Justice course for cross-curricular learning. A student fee will be needed for lab consumables.

SOCIAL STUDIES

Modern World History

Grade 9 -1 credit (.5 credits/semester)

Modern World History traces the history of major world civilizations from the Enlightenment through modern times. In addition to the history of these civilizations, this course will emphasize world governmental and economic systems, as well as geography. This course is designed to prepare students for the Ohio Graduation Examination.

Modern World History Honors

Grade 9 -1 credit (.5 credits/semester)

Prerequisite: Teacher recommendation

Modern World History traces the history of major world civilizations from the Enlightenment through modern times. This course is designed for students with strong writing and reading skills. This is a college preparatory course that will require several research-based papers and assignments. This course is also designed to prepare students for the Ohio Graduation Examination.

AP Human Geography

Grade 9-12- 1 credit

Prerequisite: Teacher recommendation (9th)

AP Human Geography presents students with the curricular equivalent of an introductory college-level course in human geography. Content is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction. *It is strongly suggested that students take the AP Exam in May.*

Specific topics with which students engage include the following:

- ▶ problems of economic development and cultural change
- ▶ consequences of population growth, changing fertility rates, and international migration
- ▶ impacts of technological innovation on transportation, communication, industrialization, and other aspects of human life
- ▶ struggles over political power and control of territory
- ▶ conflicts over the demands of ethnic minorities, the role of women in society, and the inequalities between developed and developing economies
- ▶ explanations of why location matters to agricultural land use, industrial development, and urban problems
- ▶ the role of climate change and environmental abuses in shaping the human landscapes on Earth

*****NOTE:** *This course will satisfy a student's "World History" requirement. **9th grade students enrolled in this course WILL NOT be able to drop this course after the 2nd week of classes.** This course does not align with World History so student's do not have the ability to drop AP Human Geography and move into World History*

20th Century US History

Grade 10 -1 credit

This course covers the social economic and political history of the U.S.A. in the 20th Century. This class will use objective tests such as multiple choice and matching, short essays and fulfills the U.S. History requirement for graduation.

20th Century US History Honors

Grade 10 - 1 credit

Prerequisite: Teacher recommendation

This is a decade by decade survey of U.S. History in the Twentieth Century. All aspects of social, economic, political life will be examined. This is a college prep course. It will include all types of tests, strong reading emphasis and writing research papers. This course fulfills the U.S. History requirement for graduation.

US Government

Grade 11 - 1 credit

This class is a graduation requirement. It will survey the United States Constitution and its applications in American life. Topics will include the following: basic theory of government, the roles and functions of the three branches of our government, practical applications of good citizenship.

AP US Government and Politics

Grade 11 - 1 credit

Prerequisite: United States History and teacher recommendation

This AP US Government and Politics course covers the constitutional underpinnings of the US Government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; the Congress, the presidency, the bureaucracy, and the federal courts; public policy; and civil rights and civil liberties. *It is strongly suggested that students take the AP Exam in May.*

AP World History

Grades 11-12 -1 credit

Prerequisite: Teacher Recommendation

AP World History is a course that allows the student to examine all parts of human historical development. It is designed for the student with strong writing and reading skills. In preparation for the AP Exam in May, students will interpret a great number of documents from various sources, and be required to do extensive reading beyond the textbook. *It is strongly suggested that students take the AP Exam in May.*

AP US History

Grades 11-12 -1 credit

This course will offer a detailed study of American History from earliest Indian migrations through the end of the Cold War. In preparation for the AP Exam, students will interpret a great number of primary documents, do extensive reading beyond the textbook and do expansive writing assignments. *It is strongly suggested that students take the AP Exam in May.*

AP European History

Grade 11-12 - .50 credit

Prerequisite: World History

This one semester course follows the one-year world history course and is designed to teach students essay testing and critical evaluation of original documents. It will be tied to a review of

important ideas in European history and preparation for the European History Advanced Placement Test for possible college history credit. *It is strongly suggested that students take the AP Exam in May.*

AP Psychology

Grades 11-12 - 1 credit

Prerequisite: Grade 10: Teacher recommendation required

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

Psychology

Grades 10-12 - .50 credit

Prerequisite: Grade 10: Teacher recommendation required

This course is a basic study of human behavior geared toward application for everyday living. Consideration of human interpersonal relations, personality, development, perception and mental health offers students the opportunity to examine and further understand themselves, their behavior and attitudes, and the behavior and attitudes of others.

Sociology

Grades 11-12 - .50 credit

This course is a survey of the causes of social behavior with an introduction to the ways of investigating and analyzing that behavior.

International Relations

Grades 10-12 - .50 credit

International Relations will look at the relationship between nations. The course will focus on modern world conflicts and how these are influenced by culture, the physical environment, economics, and international organizations. A significant portion of the course will be devoted to current world conflicts and events.

Criminal Justice

Grades 11-12 - .50 credit

Criminal Justice is a course that looks in depth at the criminal justice system. Topics will include the various types of crimes, police/law enforcement, the court system, and the corrections system. The course is set up to assist students who are considering pursuing a career in criminal justice or are interested in the field.

Military History

Grades 10-12- .50 credit

Prerequisite- World History

This course will examine both a tragic and fascinating recurring theme in the human story: armed conflict. From a primarily western civilization perspective, students will learn to think critically about war as it has occurred across time and continents. Students will analyze how cultural, political, and social institutions have been causal agents of war as well as how they have been shaped by war.

NCAA Eligibility

For Those Who Plan to Participate in Division I or Division II

College Athletics

You must be certified by the NCAA Eligibility Center (formerly NCAA Clearinghouse) to establish initial eligibility. Appropriate coursework must be carefully planned each year to ensure compliance.

Seniors should register with the Eligibility Center on-line at

www.eligibilitycenter.org

by the fall of their senior year or earlier.

Underclassmen are advised to check that website each year to review course and credit requirements.

See your Guidance Counselor or Athletic Director if you have any questions.

TITLE IX

The Chardon Local School District does not discriminate on the basis of sex, race, religion, handicap, national origin or marital status as required by Title VI of the 1964 Civil Rights Act, Title IX of the 1972 Educational Amendments, or Section 504 Regulations of the 1973 Rehabilitation Act.

If you have questions or concerns, contact Dr. Hanlon, Title IX Compliance Officer, Chardon Board of Education, 428 North Street, Chardon, Ohio 44024 (285-4052).

LAST NAME: _____ FIRST NAME: _____

2018-2019 8th Grade Course Requests

1. Chardon High School offers a 7 period day. Students have the opportunity to take 7 classes/units and an Advisory period.
2. Students are enrolled in Mathematics, English language Arts, Science, and Social Studies classes based upon teacher recommendations. Students should select their desired elective classes.

COURSE TITLE				CREDIT
MATHEMATICS <small>*Placement based on teacher recommendation</small>				1
ENGLISH LANGUAGE ARTS <small>*Placement based on teacher recommendation</small>				1
SCIENCE <small>*Placement based on teacher recommendation</small>				1
SOCIAL STUDIES				1
Required:	0.5 HS credits	EXPLORATORIES	0.5 credits each	CREDIT
HPE100 Health	+	ARTS800 Sculpture & Ceramics ARTV800 Visual Arts PASS800 Passport to Language TECH800 8th Grade Coding HPE800 Physical Education		

TOTAL CREDITS SHOULD EQUAL 7.0

TOTAL: _____

Alternate Exploratories:

1. _____
2. _____
3. _____

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Eighth Grade Required Courses

English Language Arts 800

This course is designed around high-quality literary and informational texts to develop the skills in reading, writing, speaking and listening that are the foundation for creative and purposeful expression in language. It will address the eighth grade Ohio Learning Standards. Emphasis will be placed on close, attentive, and critical reading to tackle complex texts and evaluate intricate arguments. Student writing will be developed as a means of asserting and defending claims, demonstrating what the students know, and conveying what they have thought, felt, or experienced. Students experience a variety of writing experiences tied to what they are reading including: routine writing, analytical writing, and narrative writing. Students will learn to research and present their findings in a variety of informal and formal ways including oral presentations, argumentative or explanatory compositions, and/or multimedia products.

English I Honors

Grades 8-9- 1 High School Credit

Prerequisite: Advanced English Language Arts 700 or Teacher Recommendation

The course offers a challenging and rigorous year long course of differentiated instruction appropriate to individual students. Activities are differentiated through depth, novelty, complexity, and acceleration. This course is literature based, exploring short stories, novels, myth, drama, and poetry to provide a basis for reading, writing, discussing, and listening. Writing assignments include a variety of essay formats- narrative, response to literature, analytical, persuasive and research.

Pre-Algebra (Math 8)

This course continues to build the foundation necessary for success in the study of algebra. It will address the eighth grade Ohio Learning Standards. It will focus on the number system including rational and irrational numbers and radicals; expressions and equations including multi-step equations and laws of exponents; graphing linear equations and slope including solving simple systems of linear equations; geometric concepts including Pythagorean Theorem and transformations; and an introduction to bivariate statistics including creating and interpreting scatterplots.

Algebra I Honors

Grades 8-9- 1 High School Credit

Prerequisite: Honors Pre Algebra 700 or Teacher Recommendation

This course aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations and inequalities and systems; extending these skills to solving quadratic and exponential functions; exploring functions, including sequences, graphically, numerically, symbolically and verbally; and using regression techniques to analyze the fit of models to distributions of data.

Geometry Honors

Grades 8-10- 1 High School Credit

Prerequisite: Algebra I Honors

This course aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of two and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events.

Science 800

There are three areas of concentration: Earth Science-focuses on the physical features of Earth and how they are formed. It will address the eighth grade Ohio Learning Standards. This includes interior of Earth, rock record, plate tectonics and landforms. Physical Science-focuses on forces and motion within on and around the Earth and within the universe, and Life Science focuses on the continuation of the species (reproduction, diversity of species, and genetics).

Physical Science Honors

Grades 8-9- 1 High School Credit

Prerequisite: Algebra I Honors, Math 8 Honors, or Teacher Recommendation

The subject matter will concentrate on physics and chemistry, using mathematical concepts and formulas. Various concepts will be explored in a laboratory setting and through class lectures and demonstrations. Physics topics to be discussed include motion, forces, energy, heat, waves, sound and light. Chemistry topics include phases of matter, the Periodic Table, chemical bonding, molecular mixing, chemical reactions and acids and bases. Skills necessary for the collection and interpretation of data will also be stressed. It is highly recommended that students have taken or be enrolled in Honors-level Algebra in order to be enrolled in this class. Students should have a strong interest in science and a willingness to complete work outside of class time.

Social Studies 800

The historical sequence picks up where students left off at the end of seventh grade with an in-depth study of the early years of European exploration and settlement of what will become the United States. From there we will move forward in time through the American Revolution, the writing of the US Constitution, Western Expansion, the Industrial Revolution and the American Civil War. The end of the course is marked by the year 1877, the end of The Reconstruction following the American Civil War. In our study, we will incorporate each of the twenty six standards Ohio has adopted for the social studies. These include strands from history, geography, government, and economics. As students examine a historic event they will look for ways each of the strands apply to that event. Heavy emphasis is placed on the analysis and exploration of primary sources as well as how one's perspective influences their experience and interpretation of history.

Health

Grades 8 - .50 credit High School Credit

This course focuses on understanding communicable and noncommunicable diseases. The course emphasizes understanding risk factors, prevention, and treatments of chronic and degenerative diseases. Additionally students will be introduced to safety and emergency skills and basic first aid techniques. The course emphasizes the impact of lifestyle choices on all aspects of personal health are discussed including physical, mental, emotional, social, and environmental. Activities in this course may include but are not limited to: nutrition, physical fitness, lifetime activities,, stress management, disease prevention, substance abuse, and healthy relationships. The information and skills necessary for making informed and healthful decisions to promote wellness will be discussed with an emphasis on others.

Eighth Grade Exploratory Courses

French I

Grades 8-9- 1 High School Credit

Prerequisite: Advanced English Language Arts 700 or English Language Arts Department Recommendation

This course is an introduction to communicating in French by means of building basic vocabulary and developing the skills of listening, speaking, reading, and writing. The class includes an introduction to culture in the various countries where the languages are spoken. Strong memorization skills and an understanding of grammar concepts and usage is required in this course. Students who struggle in English classes may find foreign language very challenging and should consider Passport to Language.

Spanish I

Grades 8-9- 1 High School Credit

Prerequisite: Advanced English Language Arts 700 or English Language Arts Department Recommendation

This course is an introduction to communicating in Spanish by means of building basic vocabulary and developing the skills of listening, speaking, reading, and writing. The class includes an introduction to culture in the various countries where the languages are spoken. Strong memorization skills and an understanding of grammar concepts and usage is required in this course. Students who struggle in English classes may find foreign language very challenging and should consider Passport to Language.

Yearbook

Grades 8-12 – 1 High School credit

Prerequisites: Teacher recommendation and permission of instructor

The staff of students in this course publish the school yearbook "The Hilltopper." Throughout this rigorous course, students will work to develop skills in five major areas of publication including layout and design, journalism, photography, marketing (advertising sales), and collaboration. Strong writing ability is necessary. Students must possess self motivation and discipline in order to meet long term deadlines and work in a collaborative classroom setting. Enrollment is limited and members are required to spend time after school hours to cover events and sell advertisements. A digital camera is not required.

Multimedia Design

Grades 8-12 - .5 High School credits/semester

Students in MultiMedia Design are responsible for recording, producing, and editing the Chardon High School daily announcements. Students gain an understanding of video and audio editing software through practical, real-world experience. Additionally, students use hardware needed to perform video and audio recording, both in and out of the recording studio.

Students gain a variety of hands-on experiences through a rotating schedule of jobs needed to produce a daily video broadcast, including in front of and behind the camera.

Band 800

Full Year Course

This class includes a study of instrumental performance skills for students in their fourth year of playing. The principles of musicality, active listening and blend/balance in an ensemble will be

stressed. This class will also focus on learning the elements of music through performance. Performances outside of the school day are required for this class. Students will play their instrument in class every day and continue to build their performance skills. Students will participate in four (4) required evening concerts per year (typically one per quarter) and have the opportunity to participate in several optional opportunities. Students must have participated in 5th, 6th, and 7th grade band or have taken private lessons to the point of being able to play level 2.5-3 band music. This course is taught with the expectation that students have had three (3) years of playing experience and are making a full year commitment to the course.

Chorus 800 **Full Year Course**

All CMS students have the opportunity to participate in chorus. During chorus we work to improve individual singing skills and to develop musical literacy through musical performance. We work as a team to put forth exciting and interesting programs. No prior musical experience is required for this course. An interest in learning about music and being a part of the team is a must. Students are expected to actively participate in classroom activities as they work to improve their individual abilities. Students are required to participate in two (2) evening concerts per year (December and May).

Art - Sculpture and Ceramics 800 **One Semester**

This class is intended to further the understanding of 3-dimensional art forms including sculptural techniques, ceramics, and basket weaving. Students will experiment with a potter's wheel and advanced hand-building techniques. They will use found objects (trash) and transform them into recycled works of art. This class will teach students to appreciate all forms of art regardless of the artist's media choice.

Art - Visual Arts 800 **One Semester**

Drawing and painting in the eighth grade continues to stress the importance of the elements while adding the principles of design and how they guide the artists in the creation of their work. The class focuses upon developing the ability to work realistically using understanding; composition, perspective, proportion, and shading.

Passport to Language 800 **One Semester**

Join us as we delve into Spanish and French! We will be investigating culture and vocabulary in both languages. Follow us as we learn to communicate on an introductory level. We will explore practical topics such as greetings, weather, time, and colors. Sign up today to begin your passport to the future.

Eighth Grade Coding **One Semester**

Physical Education 800 **One Semester**

One of the Physical Education Department's primary goals is to introduce students to a wide variety of sports and recreational activities that could lead to a lifetime of enjoyment, fitness awareness, and physical activity.

The eighth grade students will focus on developing and/or improving their *advanced* skills in a variety of **Invasion games** (i.e., Soccer, Floor Hockey, Lacrosse), **Net/Wall games** (i.e., Badminton, Volleyball, Ping Pong, Tennis, Pickle Ball), **Striking/Fielding games** (i.e., Cricket, Diamond Ball, Softball), **Target games** (i.e., Golf, Striker Ball), and **Outdoor Adventure Activities** (i.e., Rock Climbing, Orienteering).

The 2018 - 2019 Phys. Ed. Curriculum will include, but will not be limited to:

- | | |
|--|-------------------|
| * Cooperative/Team-Building Activities | * Fitness Testing |
| * Track and Field | * Speedball |
| * Floor Hockey | * Badminton |

* Training & Conditioning

* Golf

Mathematics Connections 800

This is an intensive math program designed to meet the needs of students whose math achievement is below the proficient level. The program directly addresses individual needs through previewing of concepts, high-interest activities, and direct instruction in mathematical skills. Placement in Mathematics Connections is determined by a data driven process around multiple data points in a student's academic history.

Reading Connections 800 ***English Skills***

This is an intensive reading intervention program designed to meet the needs of students whose reading achievement is below the proficient level. The program directly addresses individual needs through high-interest literature and direct instruction in reading skills and strategies. Placement in Reading Connections is determined by a data driven process around multiple data points in a student's academic history.