Waterford High School

Scheduling Booklet

2018-2019

Waterford High School
330 Main Street,
PO Box 67
Waterford, OH 45786
740 984-2373

Dear Student and Parent,

Waterford High School strives to provide the best education possible for the students we serve. We are proud of our excellent reputation and look forward to making our new freshman class a part of our tradition of excellence.

We would like you to think seriously about your four-year high school program and what you hope to gain from it.

- Think about your *goals in life* (what you want to do after high school), and try to choose the specific program that will best prepare you for success.
- Consider *your ability* in each subject. Previous grades can be a help here.
- Consider *your interests, attitudes, conduct, study habits, social habits, and the amount of effort* that went into achieving past grades.
- NOW... Look at the different programs on the next few pages to help you decide your individual program of study.

The information in this booklet is designed to familiarize you with the high school programs and to help you determine the program of study which best suits your goals. Please take time to study the information presented. By looking ahead you can avoid scheduling problems in the future. Feel free to call the Guidance Office (740-984-2373) if you have questions.

Beth Morris, School Counselor

Pre-registration in 3 easy steps or Register through the google forms:

1. *Fill out the Four-year Tentative Planning Chart* - back of this manual.
   - **PLEASE USE A PENCIL** so that if you change your mind you may erase and change your plan.

2. *Fill out the Course Pre-Registration Form* - separate colored sheet
   - **PLEASE USE A PENCIL**
   - Parent Signature needed

3. *Spend a few minutes with Mrs. Morris* (during your study hall) talking about your future plans and your schedule for next year.
   - Bring booklet and Pre-Registration Form

Or Register through google forms located on the school website. Mrs. Morris will still meet with you.

GRADUATION CURRICULUM REQUIREMENTS

Ohio Core Requirements

English	4 Credits	**Math**	4 Credits
Science	3 Credits	**Social Studies**	3 Credits
Health	.5 Credits	**Physical Education**	.5 Credits
Career Education	.5 Credits	**Electives**	5.5 Credits
		Total Credits	**21 Credits**

1) Mathematics units must include 1 unit of Algebra II.
2) Science units must include 1 unit of physical sciences, 1 unit of life sciences and 1 unit advanced study in one or more of the following sciences: chemistry, physics, or other physical science; advanced biology or other life science; astronomy, physical geology, or other earth or space science.
3) Electives units must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education, or English language arts, mathematics, science or social studies courses not otherwise required.
4) All students must complete at least two semesters of fine arts. Students following a career-technical pathway are exempted from the fine arts requirement.
5) After 2 years of high school students and parents may opt-out of the OHIO CORE, understanding that the student will not be able to attend most 4-year state colleges.

Students must meet requirements in all three areas for graduation.

1. All Students complete the Ohio CORE Curriculum Requirements listed above

2. All students take end-of-course exams (earning a total of 18 graduation points):
    a. Algebra I and Geometry or Integrated Math I and II
    b. Physical Science (or Biology for classes of 2019 and beyond)
    c. American History and American Government
    d. English I and English II

3. Meet one of the following three:
    a. Earn a cumulative passing score on seven end-of-course exams.
    b. Earn a “remediation-free” score on a nationally recognized college admission exam such as ACT or SAT. The state of Ohio will pay for all 11th-grade students in the Class of 2018 and beyond to take the exam free of charge.
    c. Earn a State Board of Education-approved, industry-recognized credential or a state-issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on a job skills assessment.

STUDENT ACADEMIC LOAD

- Maximum course credit load is 8 periods
- Minimum course credit load is 7 periods for grades 9 & 10, 6 for grades 11&12
- No more than two study halls (usually one for grades 9 & 10)

DROPPING CLASSES

Students who need to drop/add a class with a valid reason may do so up to **one week** into the school year or semester (if it is a semester course) **with parent, principal, teacher, and counselor permission.** A desire to avoid a poor grade is insufficient reason to drop a class. **A student will not be permitted to drop a class after four weeks without receiving a Withdraw/ Failing (F) for that class.** Even though students are awarded credit by semesters for full year classes, they may not drop the second semester of a year-long class without the penalty of failing the class.

**Credit for year long courses will be awarded one semester at a time.

**Students automatically move from one grade level to the next regardless of the number of credits they receive. Seniors who do not have sufficient credits to graduate will return as members of the Senior class the next school year.

TESTING PROGRAM

The testing program at Waterford High School is designed to help students, parents, and teachers monitor student progress and determine where assistance is needed. While some tests at the high school are required, others are optional.

TEST	GRADE	PURPOSE
Ohio's Next Generation Assessments	9-11	Required for all students in selected subjects Required for Graduation
PSAT	11	Pre-SAT, National Merit Scholarships qualifier, practice for SAT (October)
ACT	11, 12	College admissions, scholarships Administered to Juniors in the Spring and Seniors in the Fall Students may plan to take any of the National ACT administrations
Americanism Test	9-12	All students participate in American Legion Contest

CURRICULUM OPTIONS

1. College CORE Curriculum – appropriate for students planning to enter a 4-year college or university directly after high school.

English	4.00 Credits	
Math (Alg. I, Geom. and Alg. II)	4.00 Credits	
Science (Physical Sci, Bio, Chem)	3.00 Credits	Most colleges want 4 credits
Social Studies	3.00 Credits	
Foreign Language	2.00 Credits	Most colleges like 3-4 credits
Visual or Performing Arts	1.00 Credits	
Health	.50 Credits	
Physical Education	.50 Credits	
Elective	3.00 Credits	
(Computer courses are also recommended.)		
TOTAL	**21.00**	

2. Washington County Career Center - Students may also elect to attend the Washington County Career Center the last two years of high school for a wider variety of vocational training programs. Students who plan to work immediately after high school or who will enter technical/vocational training schools will benefit from this course of study.

VOCATIONAL PROGRAMS OFFERED AT WCCC:

Construction Careers	Building technology/Carpentry, Electricity, Heavy Equipment, Masonry
Transportation Careers	Auto Collision/Custom Paint & Graphics, Auto Mechanics, Diesel Truck Mechanics
Environmental Careers	Landscape Construction & Turf Management
Medical Careers	Medical College Prep, Patient Health Care, Sports Medicine & Exercise Science
Industrial Careers	Welding
Information Technology Careers	Computer Graphics Designs, Digital Marketing
Service Careers	Cosmetology

3. College Credit Plus Program – Students who meet college admission criteria can choose to take college courses for college and high school credit. Courses are taught at state colleges in Ohio AND at Waterford High School. CCP students are expected to carry a full course load in order to remain full time students. There may be fees associated with these courses if the student does not obtain a passing grade. Eligibility for CCP credit, whether the courses are taken at Waterford High School or at an Ohio College, is determined by the college, not the high school.

CAREER RESOURCES

The school counselor is available during regular school hours or by appointment for students and community members. Information about occupations, college, scholarships, the military, and personal issues are available. Ohio Computer Information System (OCIS) and the Ohio Means Jobs websites are also available for additional information.

WHS GRADING SYSTEM

Waterford High School uses a non-weighted letter grade system. Quality points are given based on the final grade and a value assigned to the grade by the board of education. **Grade Point Average is determined by dividing total quality points earned by the number of credits attempted.**

Numeric Grades	Alphabetical Grades	Point Value
95-100	A	4.0
90-94	A-	3.7
87-89	B+	3.3
83-86	B	3.0
80-82	B-	2.7
77-79	C+	2.3
73-76	C	2.0
70-72	C-	1.1
67-69	D+	1.3
63-66	D	1.0
60-62	D-	0.7
00-59	F	0.0

HONOR ROLL

The high school has 3 honor rolls determined by grade point average. They are as follows: **4.0 Honor Roll, 3.5-3.99 Honor Roll,** and **3.0-3.49 Honor Roll.** A student is excluded from the honor roll if they receive an academic grade lower than C- or if they fail to complete make-up work by the first week of school following distribution of grade cards.

VALEDICTORIAN & SALUTATORIAN

Valedictorian and Salutatorian are chosen based on class rank at the end of the first semester of their senior year. All students are included in the class rank and all credits are treated equally.

ELIGIBILITY CRITERIA FOR DIPLOMA WITH HONORS

Students need to fulfill **all but one** criterion for the following Diplomas with Honors.

Ohio Department of Education

DRAFT High School Honors Diploma

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma (New)	Arts Honors Diploma (New)	Social Science & Civic Engagement Diploma (New)
English	4 units	4 units	4 units	4 units	4 units	4 units	4 units
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content[4]	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science[2]	4 units, biology, chemistry, and at least one additional advance science[2]	4 units, including two units of advanced science[2]	5 units, including two units of advanced science[2]	3 units, including one unit of advanced science[2]	3 units, including one unit of advanced science[2]
Social Studies	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of two world languages studied	3 units of one world language, or no less than 2 units of two world languages studied	3 units of one world language, or no less than 2 units of two world languages studied
Fine Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum[3]	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
GPA	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/ WorkKeys[1]	N/A	27 ACT/1280 SAT*	27 ACT/1280 SAT*	27 ACT/1280 SAT*/WorkKeys (6 Reading & 6 Math)7	27 ACT/1280 SAT*	27 ACT/1280 SAT*	27 ACT/1280 SAT*
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts[6]	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 that is reviewed and validated by external experts[6]	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 that is reviewed and validated by external experts[6]	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 [illegible] that is reviewed and validated by external experts[6]
Additional Assessments	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code.
*Writing sections of either standardized test should not be included in the calculation of this score.
**Advanced science refers to courses in the Ohio Core that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with the new high school syllabi, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy), or contain material above the current OGT level. The Ohio Department of Education has proposed several additions and changes to the Diploma with Honors, which Waterford High School will make available as soon as they are approved.

COLLEGE PREPARATION TIMETABLE

FRESHMAN YEAR

AUG-MAY	Explore career options.

SOPHOMORE YEAR

AUG-MAY	Take Managing Transitions course. Continue career exploration. Investigate schools suitable for the education needed to meet your goals. Become familiar with the guidance resources on careers, colleges, and financial aid.

JUNIOR YEAR

SEPT-DEC	Attend college visitation sessions at the high school.
SEPT-MAY	Research a variety of colleges and begin to narrow your choices. Then write to these schools for additional info. Start a file of your college research. Research scholarships that will be suitable for you to apply for and put them in your file for next year.
OCTOBER	Take the PSAT.
APRIL-JUNE	Take the ACT at Waterford High School in April. OR Register for and take the ACT and/or SAT in the April or June. actstudent.org OR thecollegeboard.com
SUMMER	Make college visits. Do a summer enrichment or work experience related to your career/college plans.

SENIOR YEAR

AUG-DEC	Attend college visitation sessions at the high school. Select at least five colleges to which you will apply. Choose a variety of colleges to get a good selection of financial aid packages and other options.
SEPT	Retake the ACT at Waterford High School.
OCTOBER	Submit the FAFSA form online at fafsa.ed.gov
SEPT-DEC	Retake the ACT/SAT, if needed for college acceptance or scholarships.
OCT-APRIL	Visit college admissions and financial aid offices and the departments you are interested in.
NOVEMBER	Prepare college applications to be submitted by Thanksgiving.
DECEMBER	Attend the Financial Aid meeting at WHS.
JAN-MAY	Locate and apply for scholarships and financial aid.
APRIL	Compare and evaluate Financial Aid packages from colleges.
MAY 1	Make college decision and notify colleges.

VOCATIONAL PREPARATION TIMETABLE

FRESHMAN YEAR

AUG-MAY	Explore career options.

SOPHOMORE YEAR

AUG-MAY	Take Managing Transitions. Continue to explore your career options.
JANUARY	Listen to Career Center presentation in English class.
FEBRUARY	Attend Career Center field trip visit with class. Fill out a Career Center Application Form.

JUNIOR YEAR

AUG-MAY	Attend the Washington County Career Center. Consider going on to a two-year college or technical school or to a 4 year college. Schedule necessary college prep classes.
APRIL-JUNE	Take ACT in April or June.
MARCH-MAY	Write Career Passport.

SENIOR YEAR

AUG-MAY	Attend the Washington County Career Center. Discuss Post-Secondary education with instructors and counselors. Research and visit possible institutions.
SEPT-OCT	Retake ACT and make college visits. (Follow guidelines on previous page, College Prep Timetable, if you are considering college.)
OCTOBER	Apply for Financial Aid using the FAFSA online form.
NOVEMBER	Apply to Post-Secondary schools.
JANUARY	If you do not plan to continue school, use guidance resources to begin your job hunt.
MARCH-MAY	Edit Career Passport.

EXTRACURRICULAR ACTIVITIES

At Waterford High School:

SPORTS

Baseball
Boys Basketball
Cheerleading
Cross Country-boys and girls
Football
Girls Basketball
Volleyball
Golf
Softball
Track-boys and girls
Wrestling

OTHER:

Class Officers
FCCLA
FFA
FCA - Fellowship of Christian Athletes
NHS - National Honor Society
Spanish NHS
Spanish Club
Student Council
WAWICA - Newspaper Staff
WILDCATANA - Yearbook Staff

MUSIC

Band (Marching & Concert)
Flag Corps
Pep Band
Chorus

At Washington County Career Center:
(WHS Juniors and Seniors)

Class Officers-In each vocation
Club Officers
DECA-Distributive Education Clubs of America
FFA
HERO-Home Economics Related Occupations (FHA)
BPA- Business Professionals Association
Skills USA/ VICA-Vocational Industrial Clubs of America
District Vocational Competitions
State Vocational Competitions
National Vocational Competitions
National Technical Honor Society

DUAL ENROLLMENT AND COLLEGE CREDIT PLUS

Students in grades 7-12 may apply for College Credit Plus (CCP) admission to a public or participating college. The college will admit the student based on college-readiness scores in one or more area. CCP gives Ohio students the opportunity to take college courses and receive college credit while still in High School.

The following CCP courses are offered at Waterford High School taught by Waterford Staff:

Course Name	Cooperating School	High School Credit	College Credit	Course Length	Course #
Analytical Geometry and Calculus	WSCC	1	4	Semester	MATH2263
College Algebra	WSCC	1	4	Semester	MATH2130
Principles of Statistics	WSCC	1	3	Year	MATH2110
Trigonometry	WSCC	1	3	Semester	MATH2120
College Composition	Stark State	1	3	Semester	ENG124
PC Applications	WSCC	1	3	Semester	BUSM1600
Business Management	WSCC	1	3	Semester	BUSM1550
Human Resource Management	WSCC	1	3	Semester	BUSM2560
Medical Terminology I	WSCC	.67	2	Semester	HLTH1810
Medical Terminology II	WSCC	.67	2	Semester	HLTH1820
Plants and People	OUZ	1	3	Semester	PBIO 1030
Environmental Science	Zane State	1	3	Semester	BIOL 1070
Beginning Spanish I	WSCC	1	3	Semester	OFL 019
Beginning Spanish II	WSCC	1	3	Semester	OFL 020
Intermediate Spanish I	WSCC	1	3	Semester	OFL 021
Intermediate Spanish II	WSCC	1	3	Semester	OFL 022
Special Topics-Spanish	WSCC	Pending	Pending		
Public Speaking	WSCC	1	3	Semester	SPCH1510
Anatomy and Physiology	WSCC	1	3	Semester	BIO101
Art Appreciation	WSCC	1	3	Semester	Arts1000
Computer Aided Drafting	WSCC	1	3	Semester	DRFT1410

****** Please see the guidance department for the list of available online CCP courses. **Intro to Online course is** required to be completed before taking an online course.

Course Offerings

ENGLISH DEPARTMENT

English Language Arts (ELA) 100 1 credit (2 Semesters)
This course is aligned Ohio's 2016-2017 Learning Standards which include Grade 9 Reading Standards for Literature and Reading Standards for Information Text. Student will learn to read literary and informational text at a 9th grade level of text complexity. The content of this course includes non-fiction and fiction selections fiction. Using the Grade 9 Writing Standards and Language students will learn to write informative, argumentative, narrative and informal writings to create ideas, develop ideas and revise writing. Path: Career, Two-year/Four-year college. *Prerequisite: Student in the ninth grade*

English Language Arts (ELA) 200 1 credit (2 Semesters)
This course is aligned Ohio's 2016-2017 Learning Standards which include Grade 10 Reading Standards for Literature and Reading Standards for Information Text. Student will learn to read literary and informational text at a 10th grade level of text complexity. The content of this course includes non-fiction and fiction selections fiction. Using the Grade 10 Writing Standards and Language students will learn to write informative, argumentative, narrative and informal writings to create ideas, develop ideas and revise writing.Path: Career, Two-year college. *Prerequisite: Student in the tenth grade.*

English Language Arts (ELA) 201 1 credit (2 Semesters)
This course is aligned Ohio's 2016-2017 Learning Standards which include Grade 10 Reading Standards for Literature and Reading Standards for Information Text. Student will learn to read literary and informational text at a 10th grade level of text complexity. The content of this course includes non-fiction and fiction selections fiction. Using the Grade 10 Writing Standards and Language students will learn to write informative, argumentative, narrative and informal writings to create ideas, develop ideas and revise writing.This course will use **accelerated** pacing.
Path: Career, Two-year college, Four-year College *Prerequisite: Student in the tenth grade. Or Student in the ninth grade and who has been approved through a process that includes an examination of student work habits, student attendance, student interest, standardized tests, and teacher input.*

English Rhetoric & Composition 300 1 credit (2 Semesters)
This course is intended to transition to English 400 or College Credit Plus College (CCP) Composition Courses. Student will engage with the rhetorical situation, close reading and the craft of analysis, and analyzing arguments. learn how to enter academic discourse. Students will write a research paper that includes: online module work. source engagement of high-level sources, collecting research, organizing research, and writing an essay that develops a claim using MLA citations. *Prerequisite: Student in eleventh grade*

English Rhetoric & Composition 301 1 credit (2 Semesters)
This course is accelerated and intended to transition to English 400 or College Credit Plus College (CCP) Composition Courses. Student will engage with the rhetorical situation, close reading and the craft of analysis, and analyzing arguments. learn how to enter academic discourse. Students will write a research paper that includes: online module work. source engagement of high-level sources, collecting

research, organizing research, and writing an essay that develops a claim using MLA citations. *Prerequisite: Student in eleventh grade or tenth grade Accelerated Learner (teacher permission).*

ENGLISH DEPARTMENT cont.

English 400 1 credit (2 Semesters)
This course is part of the college preparatory curriculum and has its major points in the following: study of English literature; literary analysis; and development of research skills in assessing credibility, search operators and databases resulting in research work. *Prerequisite: Student in twelfth grade or eleventh grade Accelerated Learner; English 300.*

Transition to College Composition .5 credit(1 Semester)
This course is part of the college preparatory curriculum and has its major points in the following: development of research skills in assessing credibility, search operators and databases resulting in research work; emphasis is on achieving ideas of greater complexity through invention writing, writing workshop, and peer workshop. Emphasis is on the process of drafting, revising, and editing to achieve clarity. Prerequisite: Student in twelfth grade or eleventh grade Accelerated Learner*. Prerequisite: English 400*.

College Composition I* 1 credit(1 Semester)
This course emphasizes writing based on reading response with review of essay development, grammar, and punctuation. Emphasis is on the drafting, revising, and editing to achieve clarity. Upon successful completion of this course, students will be able to: write effective expository essays, both individually and collaboratively; demonstrate clear development of ideas, recognizing audience, expressing tone and style appropriate to the content; demonstrate growth with inquiry techniques and critical thinking strategies in analyzing text; use process writing, including drafting, revising, and editing, to continually improve the quality of writing and effectiveness in collaboration; conduct academic research, accessing information from libraries, databases, and online resources credibly; use technology both within the classroom and in research to enhance the development of writing; consult with writing assistants in the Writing Center to improve writing skills. *Prerequisite: English 400; College Ready score on Accuplacer*

College Composition II* 1 credit(1 Semester)
Continues improvement of writing skills. Argumentative and expository papers created by evaluating information from multiple perspectives and drawing reasonable conclusions for a final research writing. Prerequisite:
Prerequisite College Comp 1

Speech* 1 Credit (First Semester)
This course is open to students in grades 11-12 who wish to improve their skills in communications. The focus of the class will be on activities designed to give students experience in the writing and delivery of speech and interview skills.
Prerequisite: College Ready score on Accuplacer.

SPANISH DEPARTMENT

Spanish I 1 Credit (2 Semesters)

Spanish I introduces the student to the four communication skills of listening, speaking, reading, and writing, with an emphasis on interpersonal communication skills. The student will acquire the language through input that is comprehensible with a focus on the language input skills of listening to and reading Spanish before moving on to the more sophisticated output skills of speaking and writing. Culture, communication, community, making connections and comparisons, the five World-Readiness Standards for Language Learning as established by the American Council of Foreign Language Teaching, will aide in the acquisition of the language through comprehensible novels and class course work. *Most colleges require two years of a high school foreign language. Prerequisite: C or better in English*

Spanish II 1 Credit (2 Semesters)

Spanish II is a continuation of a more advanced level of the first year. *Prerequisite: C or better in Spanish I*

Spanish III:

Beginning Spanish I & II* 2 credits (2 Semesters)

This is a 2-semester first year sequence earning 6 semester credit hours through an Ohio state college. The focus is the development of comprehension, speaking, reading, and basic writing skills through grammar exercises, oral and written communication activities, and on-line work.
Prerequisite: B or better in Spanish II, College Ready score on Accuplacer

Spanish IV

Intermediate Spanish I & II* 2 Credits (2 Semesters)

This is a 2-semester second year sequence earning 6 semester credit hours through an Ohio state college. The focus is the development of comprehension, speaking, reading, and basic writing skills through grammar exercises, oral and written communication activities, and on-line work.
Prerequisite: Completion of Beginning and Intermediate Spanish

Special Topics-Spanish

**** See Mrs. Vernon for details

SCIENCE DEPARTMENT

Physical Science 1 credit (2 Semesters)
Students will explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skill in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning, with hands-on laboratory investigations.

Biology I 1 Credit (2 Semesters)
Biology is designed for the college bound student. Curriculum includes scientific process and methods, basic cell structures, and structures and functions of organisms from microorganisms to complex plants and vertebrate animals including humans. Emphasis is placed on genetic continuity and adaptations to environments. The lab will include microscope work, dissections, and observations of living organisms. Students will be expected to be able to read and follow detailed directions.
Prerequisite: Successful completion of Physical Science

Chemistry & Lab 1 Credit (2 Semesters)
Chemistry is an experimental science that deals with the study of matter and the energy changes that take places as matter is converted from one form to another. It is highly abstract in nature and uses mathematics in its treatment of these abstract concepts. It is also a rather exciting subject in that it exposes the student to new and different ideas. The course is necessary for those students anticipating a career in any of the medical professions or engineering. It is also strongly recommended for all students planning to go to college. *Prerequisite: Successful completion of Biology*

Physics & Lab 1 Credit (2 Semesters)
Students will learn the fundamental laws of the universe in an effort to explain and understand the physical world. Some topics are Newton's laws, problem solving, universal gravity, conservation of energy and momentum, fluid dynamics, and pressure systems. Like chemistry, it is an abstract subject and draws heavily on mathematics. *The course is strongly recommended for all students planning to go to college*. *Prerequisite: Successful completion of Chemistry*

Plants and People* 1 Credit (1 Semester)
This course focuses on basic botany, plant identification, and on the relationships that humans have developed with plants from our earliest days on the planet to present day. The relationships will range from economic and medical, to nutritional. You will be amazed at all the interesting relationships involved. *Prerequisites: Physical Science and Biology I and College ready score on the Accuplacer*

Environmental Science* 1 Credit (1 Semester)
This course will focus on the scientific principles that underpin our understanding of environmental changes. Strong emphasis will also be placed on understanding the decisions that humans have made in our recent history and how strongly these impact the health of our planet, our society, and the well-being of the other organisms that share this planet. *Prerequisites: Physical Science and Biology I and College ready score on the Accuplacer*

SCIENCE DEPARTMENT cont.

Biology II .5 credit (First Semester)

General microbiology is a course intended for someone who is interested in learning about the microbial world. In this introductory course students will study the fundamental structural and metabolic characteristics of microorganisms (mainly prokaryotes) and will learn basic techniques for enrichment, selection, isolation, and identification. In the course we will address not only the ability of microorganisms to cause disease, but also their role in research, their importance in functional ecosystems and their economic significance. In this course Bacteria, Viruses, and Protists are emphasized.

Anatomy and Physiology* 1 Credit (Second Semester)

Anatomy and Physiology is a continuation of Biology II with students gaining a deeper understanding of anatomy, organ systems, physiology, and behavior. An emphasis will be put on the human body. Lab work will be done in class and will include microscope work, dissections, and observations of living organisms. *Prerequisite: Biology I and College ready score on the Accuplacer*

Big History 1 Credit (2 Semesters)

Big History examines our past, explains our present, and imagines our future. It's a story about us. An idea that arose from a desire to go beyond specialized and self-contained fields of study to grasp history as a whole. This growing, multi-disciplinary approach is focused on high school students, yet designed for anyone seeking answers to the big questions about the history of our Universe. The Big History Project is a joint effort between teachers, scholars, scientists, and their supporters to bring a multi-disciplinary approach to knowledge to lifelong learners around the world.

MATH DEPARTMENT

Pre-Algebra 1 Credit (2 Semesters)
Pre-Algebra is an introductory course to basic algebra concepts and review of arithmetic algorithms. The course is designed to help students overcome weakness in preparation in mathematics, emphasizing the concepts necessary to be successful in Algebra I and Algebra II. The course helps students to develop good mathematical study skills and learning strategies as an integral part of this course.

Algebra I 1 Credit (2 Semesters)
In-depth study of algebraic concepts and processes to represent and solve problems using variables. Includes using graphs and other symbolic representations and techniques.

Geometry 1 Credit (2 Semesters)
A student who has passed Algebra I, has a desire to test his/her mathematical ability, and is planning to go to college should take Geometry. The course covers plane, solid, and coordinate geometry. Students will use higher level thinking skills, work with proofs, and use several theorems, definitions, and postulates. *Prerequisite: Successful completion of Algebra*

Algebra II 1 Credit (2 Semesters)
This course is designed for the student who has passed Algebra I and Geometry and would like to spend a full year going over Algebra II ideas including factoring equations and inequalities, solving matrices and solving exponential and logarithmic functions. Students will also study polynomial functions, rational and radical functions, and also a study in statistics. All students need Algebra II in order to meet Ohio CORE curriculum requirements.

Algebra II/ College Algebra* 1.5 Credits (2 Semesters)
This course is designed to pursue the concepts introduced in Algebra I and Geometry and is recommended for the above average student who has taken both courses. All students need Algebra II in order to meet Ohio CORE curriculum requirements.
One half high school credit in Algebra II is awarded for successful completion of the first semester, and one dual enrollment credit for College Algebra may be earned for successful completion of the second semester. *Prerequisite: College ready score on the Accuplacer*

Trigonometry* 1 Credit (First Semester)
An in depth look into the study of right triangles, angle and radian measure, and trig functions of real numbers and periodic functions. Students will be able to graph all of the trig functions and will be able to verify trig identities. Sum and Difference formula and law of Sines and Cosines will be studied on oblique triangles. Students should be prepared to learn a new topic each day and this class is completed in a semester. One dual enrollment credit in Trigonometry is awarded for successful completion of the first semester. *Prerequisite: College Algebra and college ready score on the Accuplacer*

MATH DEPARTMENT cont.

Analogical Geom and Calc I* 1 Credit (Second Semester)
This college preparatory mathematics class is designed to be taken after successfully completing Algebra II. It is taught with a graphing approach toward the concepts of functions, limits, derivatives, and other pre-calculus and calculus concepts. One dual enrollment credit for Analogical Geometry and Calculus I may be earned for successful completion of the second semester. *Prerequisite: College Algebra and college ready score on the Accuplacer*

Principles of Statistics* 1.5 credits (2 semesters)
Fundamental concepts of statistics. An introduction to design of experiments, data analysis, correlation and regression, concepts of probability theory, and sampling errors. One half high school credit is awarded for successful completion of the first semester, and one dual enrollment credit may be earned for successful completion of the second semester. *Prerequisite: College Algebra and college ready score on the Accuplacer*

Transition to College Math 1 Credit (2 Semesters)
This class is intended for the student who wants to go to college, but is not necessarily ready for the rigor that Calculus would entail. A range of topics will be covered from Algebra, Geometry, and Advanced Algebra. *Prerequisite: College Algebra*

SOCIAL STUDIES DEPARTMENT

World Studies 1 Credit (2 Semesters)

The course will incorporate concepts for the students to expand their knowledge of human existence in the various cultures of the world. The students will consider the influence of present and past history through the study of geography, culture, economics, and government. The objective of this study is to present the student with a broader understanding of the role of being a citizen in our world today.

American History 1 Credit (2 Semesters)

This is a chronological study of significant events from 1877 to present of the American people. However, American History is not only a study of events, but also what causes the events and their impact on humankind. American History attempts to provide to the student an explanation of events of the American people and relate these events to histories of other countries.

Government/Economics 1 Credit (2 Semesters)

The students are involved in developing their attitudes and objectives concerning political, social, and personal problems. Various activities are included that make the course more relevant to current situations in our complex society. Understanding our working constitution, curbing prejudice and discrimination, and filing of income tax returns are just a few of the areas to be developed.

World History 1 Credit (2 Semesters)

World History is a study of human history and the development of his cultures throughout the world. The text divides the world into a number of separate civilizations or cultures. In this way the student should see and understand human actions and the formulation of ideas within the total framework of the civilization. The student can measure the accomplishments of one civilization and its impact on other civilizations. World history attempts to provide the student with an overall view of the world and its complexities, past and present. Students will use films as a means of exploring historical time periods and modern perceptions and interpretations of history. *Designed for students in grades 11-12*

BUSINESS TECHNOLOGY DEPARTMENT

PC Applications 1 1 credit (2 Semesters)
During the first nine weeks students build keyboarding skills for personal and educational use. For the remainder of the academic year, students will explore microcomputer applications using Microsoft Office software. Time and practice are devoted to the learning the basics of the computer's operating system, word processing, spreadsheet, desktop publishing, presentation, and web applications. Students will complete practice and projects in each type of application.

CCP PC Applications 2 1.5 credits (2 Semesters)
During the first nine weeks students build keyboarding skills for personal and educational use. For students who have completed the Keyboarding unit in PC Applications 1, the first nine weeks will be comprised of a graphic design unit. The second nine weeks consists of students learning computer concepts, digital literacy, and computer literacy. For the remainder of the academic year, students will explore microcomputer applications using Microsoft Office software. Time and practice are devoted to managing the computer's operating system, word processing, spreadsheet, database, desktop publishing, presentation, and web applications. Students will complete practice and projects in each type of application.

One half high school credit is awarded for successful completion of the first semester; and
Three dual enrollment credits may be earned for successful completion of the second semester.
Prerequisite: Meeting the college requirements to be admitted into the class.

Web Publishing 1 Credit (2 Semesters)
This course is designed to provide students with the necessary skills to evaluate, design and maintain effective and dynamic Web sites. Additional consideration is given to graphics and multimedia web application programs.
Prerequisite: PC Applications

Accounting 1 Credit (2 Semesters)
This course provides personal and/or career benefits for the student. The curriculum is comprised of basic bookkeeping principles and applicable skills of the accounting cycle for sole proprietorships, partnerships, and corporations. Students will successfully discover the processes of analyzing daily business transactions, adjusting account information, and preparing period-end reports.
Designed for students in grades 10-12

Business Management* 1 Credit (1 Semester)
The nature of business management, organization and opportunities. Development of managerial viewpoints and methods. Explores business personnel, marketing and operational control functions.
Prerequisite: Meet College requirements

Human Resource Management* 1 Credit (1 Semester)
Theories of human resources management topics including: equal employment opportunity, legislation, the employee selection process: recruiting, testing,and interviewing, a management team approach
Prerequisite: Meet College requirements

INDUSTRIAL TECHNOLOGY DEPARTMENT

Manufacturing Operations I 1 Credit (2 Semesters)
This course was formerly **Basic Wood Technology.** This course is for students who wish to learn about woodworking and will introduce students to basic drafting skills, computer aided drafting (CAD), measuring lumber, material selection, wood identification, grades of lumber, tool safety, hand tools, power tools, wood joints, and designing and building a project. Safety is stressed in all phases of the school wood shop. Students will complete their first project chosen by the instructor with the class, and then will choose a project of their own to complete. The first project will be covered by the lab fee and the second project will be at the cost of the student. Lab Fee $10.00.

Manufacturing Operations II 1 Credit (2 Semesters)
This course was formerly **Advanced Wood Technology.** This course will provide the opportunity for students to develop knowledge and abilities of design and building wood projects. Project plans are the responsibility of students to skillfully manufacture quality projects. Emphasis is placed on design, identifying different styles of projects, and understanding the steps needed in project construction. Laboratory exercises are required on a daily basis and are very important in grading. A fee is required. Lab Fee $6.00. *Prerequisite: Basic Wood Technology*

Technology Education .5 Credits (1 Semester)
This course is designed to be an exploratory experience involving the technological systems of transportation and production. Students will study the evolution of technology and its systems. Activities will be of a hands-on, problem-solving nature. Students will complete individual projects as they learn about technology and how it affects them and their surroundings. Some individual projects include CO2 cars, mousetrap cars, steam-powered boats, water rockets, balsa wood bridges, and solar cells. Lab Fee $6.00.

Home Maintenance .5 Credit (1 Semester)
This course will provide students with experiences in repair and maintenance of common household items and devices. Students will learn to save time, money, and frustration when it comes to making household repairs and will learn basic troubleshooting procedures. Students will develop an idea of the tools needed to complete basic home repairs and the skills needed to use these tools. Students will become familiar with basic materials used in home repair and how to intelligently purchase materials used in home repairs.
Lab Fee $6.00.

Industrial Crafts I and II .5 Credit (1 Semester each)
This class will allow students to study the technological system of production. Students will select a mold to make, pour the mold, and prepare it for firing in the kiln. Students must complete four projects: one using stain, one using glaze only, and one using underglaze, and one of their choice. Lab Fee $6.00.

INDUSTRIAL TECHNOLOGY DEPARTMENT cont.

Pre-Engineering Technology .5 Credit (1 Semester)
Technology course will utilize key elements of the “engineering by design” and STEM technologies. Students will participate in a challenging program that will foster lifelong learning and problem solving skills. The use of traditional tools and machinery, CADD, Internet resources and classroom instruction will create a well rounded experience. Lab fee 6.00

Computer Aided Drafting .5 Credit (1 Semester)
Students will be introduced to the proper techniques of 2D and 3D drafting. All drawing will be done with the use of Autocad LT 2002 on the computer. Students will also work with the steps involved in the design process. In addition, creating pictorial drawings and their application will be explored.

Computer Aided Drafting DRFT1410*
Dual Enrollment college course pending approval

FAMILY AND CONSUMER SCIENCE DEPARTMENT

Transitions and Careers .5 Credit (1 Semester)
In this course, students will analyze interests, aptitudes and skills to prepare for careers and transition through life. An emphasis will be placed on work ethics, team building, communication, and leadership skills. Additional topics will include technology etiquette and career planning. *Required for graduation.*

Career and College Readiness .5 Credit (2 Semesters)
In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship.
This is a class designed to help seniors make the transition from high school to college, military service, or the working world. Subjects covered will be SAT/ACT preparation, college application and scholarship process, financial aid, military options, and life management skills. *Required for seniors.*

Principles of Food .5 Credit (1 Semester)
In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

Global Foods .5 Credit (1 Semester)
In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

Textile Design, Construction and Maintenance .5 Credit (1 Semester)
In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products, including home interior accessories and garments.

Child Development .5 Credit (1 Semester)
In this course, students will study the principles of child growth, development and behavior. An emphasis will be place on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

FAMILY AND CONSUMER SCIENCE DEPARTMENT cont.

Introduction to Family and Consumer Sciences .5 Credits (1 Semester)
This first course, will provide students with an overview of the four major content areas of Family and Consumer Sciences. Students will be introduced to child development, family relationship concepts and how they relate to family dynamics. Additionally, students will identify financial literacy and consumer economic principles. Students will understand the concepts of design through textiles for personal and home use. Throughout the course, students will develop communication, leadership and career investigation skills.

Personal Financial Management .5 Credits (1 Semester)
In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, investing and risk management.

*Some Course may be offered every other year.

AGRICULTURE EDUCATION DEPARTMENT

FFA Dues will be $22.00

Agriculture, Food and Natural Resources 1.25 Credits (2 Semesters)

In the Agriculture, Food & Natural Resources course, students will have the opportunity to study animal sciences' learning of and about the various livestock breeds that are used commercially in the U.S. Students will take part in environmental sciences' learning about the science of soil and how it relates to agriculture and our environment. Students will also learn about the fundamentals of plant science dealing with genetics, plant reproduction and biotechnology. Engineering will also be studied dealing with the use of oxyacetylene, soldering, brazing and woodworking and will implement these skills in the lab/shop. Students will also have the opportunity to learn how to become an effective leader by having the opportunity to join the largest student organization in the country, the FFA. Parliamentary Procedure and public speaking will also be studied to enhance the student's leadership skills. **Students are also required to establish an SAE (Supervised Agricultural Experience) Program that will account for the ¼ credit offered in all Ag. Classes.

Animal and Veterinary Science 1.25 Credits (2 Semesters)

In the Animal & Veterinary Science course, students will have the opportunity to study the domestication and history of livestock animals. Breed identification, production and management of livestock in the agricultural industry with such species as Dairy, Beef, Swine, Sheep, Equine (Horse), and Poultry will also be studied. Students will also study the biological principles of animal anatomy, physiology, nutrition, lactation, reproduction, and genetics in monogastric and ruminant animals as it relates to veterinary science field. Students will describe causes, symptoms, and treatment of common diseases with special emphasis on developing preventative health management plans and breeding programs. **Students are also required to establish an SAE (Supervised Agricultural Experience) Program that will account for the ¼ credit offered in all Ag. Classes. Designed for students in grades 9-12. ***Course will count as .5 of a science credit requirement.** Offered 2018-2019

Welding & Mechanical Principles 1.25 Credits (2 Semesters)

In the Welding & Mechanical Principles course, students will focus technical knowledge and skills necessary to understand the welding and cutting processes used in production and repair today. Students will also study metals and their properties and identification. Students will be trained in the welding and cutting process using ARC, MIG and TIG welding, Oxyacetylene fuels and Plasma. Students will also focus on the study and utilization of wood and lumber, concrete and masonry, pipes and plumbing, and electrical systems. Students will have the opportunity to design, plan, build and calculate costs-benefits analysis for farm shop construction projects. **Students are also required to establish an SAE (Supervised Agricultural Experience) Program that will account for the ¼ credit offered in all Ag. Classes. Designed for students in grades 10-12

AGRICULTURE EDUCATION DEPARTMENT cont.

FFA Dues will be $22.00

Greenhouse and Nursery Management 1.25 Credits (2 Semesters)

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized. Students will also be responsible for the growing and harvesting of tomatoes, lettuce, cucumbers and other various vegetable crops by means of hydroponics and aquaponics within the departments greenhouse during the first semester. Students will be responsible for the care and management of the programs Aquaculture system. Students will also be responsible for the growth and development of Wave Petunias that are grown during the second semester. *Students are also required to establish an SAE (Supervised Agricultural Experience) Program that will account for the ¼ credit offered in all Ag. Classes. Designed for students in grades 10-12

Plant and Soil Science 1.25 Credits (2 Semesters)

Students will have the opportunity to study the science of soil as it relates to Soil Material and Formation, Soil Characteristics, Classifications and Use, Soil Fertility and Management, and Soil Conservation. Students will be introduced to the scientific principles of plant growth, anatomy, and propagation. Students will also learn about the fundamentals of plant science dealing with genetics, plant reproduction and biotechnology. They will gain an understanding of the various agronomic crops such as Corn, Soybeans and Wheat. Students will be responsible for the growing and harvesting of tomatoes, lettuce, cucumbers and other various vegetable crops by means of hydroponics and aquaponics within the department's greenhouse. Students are required to establish an SAE Program*. Articulation credit at Washington State Community College is available. Please see Mr. Hartline for more details. This is NOT Dual-Enrollment or College Credit Plus credit.

*****Course will count as .5 of a science credit requirement.**

Note: Animal and Veterinary Science and Plant and Soil Science will be taught on a rotating basis. Animal and Vet Science will be offered in 2018-19, Plant and Soil Science will be offered in 2019-20.

*You may receive the ¼ for an SAE only one time a year.

For more questions regarding SAE programs, please contact Mr. Matt Hartline, Ag. Ed. Instructor at 740-984-2373.

FINE ARTS DEPARTMENT

Art I 1 Credit (2 Semesters)
This is a basic course covering most areas in art. Included in the first year are principles and element of color and design. The introduction of drawing, printmaking, 3-D projects, design, mixed media, painting, and art appreciation will be included. Art Fee: $10.00.

Art II 1 Credit (2 Semesters)
This course offers concentrated study in different media with a wide choice of projects covering painting (watercolor, acrylics), advanced design studies, printmaking, 3-D projects, and intensified drawing techniques. Art Fee: $10.00.

Art III & IV 1 Credit (2 Semesters Each)
The advanced art program is designed for those students who have special talents and interests in art forms. These students do individualized problem solving and extensive study in various media under the supervision of the instructor. Work on the ceramic wheel may be introduced at this level. Advanced art students must have **permission from the instructor** before registering for this individualized art program. Art Fee: $10.00.

Art Appreciation* 1 Credit (1 Semester)
Introduction to traditional and contemporary visual arts in the context of their social and cultural backgrounds. Prerequisite: *Meet College requirements*

Chorus 1 Credit (2 Semesters)
This is an elective class with emphasis on developing singing skills. A wide range of various vocal styles and time periods will be experienced to further educate the students in the building blocks of popular music today. Activities include exercises that improve vocal tone quality, ear training, and sight singing. Students are required to attend the winter and spring concerts and other events as instructed by the choral director. Students will be expected to perform in Christmas and Spring Concerts. Students may elect to participate in solo and ensemble District IX contests in February. Choral students are required to participate in the District IX Large Group Choral contest. The competition is held on Friday or Saturday in March. May be repeated for credit.

Percussion Class 1 Credit (2 semester)
This class is open to any students interested in percussion. No musical experience is necessary. Throughout the year we will explore different uses of percussion and different groupings of instruments. Students will learn about the instruments, and how to play them.

FINE ARTS DEPARTMENT cont.

Band 1 Credit (2 Semesters)

Concert Band and Marching band are co-curricular activities. Pep and Jazz Band are extracurricular groups, and admission to these groups will be at the discretion of the director, as will participation in Color Guard, Field Commander, or Pit Ensemble.

Concert band students are required to participate in the District IX Large Group events. Large group contest is held in March for the High School and in May for the Junior High. Students are required to attend all concerts (Christmas, Spring, Graduation, etc.), as they are a major part of their overall grade. Solo and Ensemble events are strongly encouraged but not required. Marching Band members are strongly encouraged to enroll in the concert band year-round, as both performing groups correlate to one another. Marching Band members should be enrolled in Concert band before, after, and during the Marching season. May be repeated for credit.

HEALTH AND PHYSICAL EDUCATION, OTHER ELECTIVES

Personal Wellness .5 Credits (1 Semester)
Health areas studied are those related to personal, mental, and community health as they affect our lives and happiness. First aid is also studied to provide the student with some knowledge of what to do in an emergency.

Physical Education I .25 Credits (1 Semester)
Courses under the director of physical education strive for the development of physical fitness and wellbeing in areas which may contribute to better use of leisure time, both now and later. Activities include calisthenics, soccer, kickball, volleyball, basketball, physical fitness tests, and a variety of other games for the individual or group.

Physical Education II .25 Credits (1 Semester)
This course is a continuation of Physical Education I. Many of the same activities are included, but there is more concentration on individual techniques with more advanced skills.

Physical Education III .25 Credits (1 Semester)
A game based, activity related course that puts emphasis on lifetime sports, movement education, and lifetime fitness. May be repeated for credit. *Prerequisite: Physical Education II*

Athletic Training .5 Credit (1 Semester)
Provides an overview of the various fields of athletic training and sports medicine.
Designed for students in grades 11-12

Yearbook 1 Credit (2 Semesters)
This class will teach students the valuable skills needed to produce and finance the annual yearbook. Yearbook students learn skills such as computer competency, design, copywriting, and sales while producing the yearbook. May be repeated for credit.*** This course may not be offered for credit each year. *Prerequisite: PC Apps*

Medical Terminology I* .67 Credit (1 Semester)
This course provides a study of the vocabulary used by medical personnel. Basic prefixes, suffixes, root words, and combining vowels are emphasized as the foundation for mastery.
Prerequisite: College Ready score on Accuplacer

Medical Terminology II* .67 Credit (1 Semester)
This course provides a study of the vocabulary used by medical personnel. Basic prefixes, suffixes, root words, and combining vowels are emphasized as the foundation for mastery.
Prerequisite: Medical Terminology I

A+ ONLINE COURSES

A+ is an online course option currently being used for credit recovery and elective expansion. All A+ options require the authorization of the Building Principal and the School Counselor. If a course is available on campus, than students currently on campus will be enrolled in that course when possible.

ONLINE CCP COURSES OFFERED AT WHS

See School Counselor for current online offerings. Please leave room in your schedule for online course.

CREDIT FLEX

Credit Flexibility is an option available to students. Students in grades eight through twelve may " test out:" or create their own "flex plan" to receive credit for a course. In order to participate, students must turn in a completed Waterford High School Flex plan application, meet established course prerequisites, and possess sufficient skills and abilities necessary for independent work. More information and application are available in the high school office.

NCAA OR NAIA

Student Athletes planning to play a college sport NCAA or NAIA. Student Athletes and their parents are responsible for reviewing and knowing the initial requirements to play a college sport. This should be done when the student is scheduling for grades 9 thru 12. Keep in mind that students will officially register online with the NCAA/NAIA by the end of the athlete's junior year, and a fee will be charged.

Fee Waivers: You are eligible for a waiver of the registration fee only if you have received a fee waiver for the ACT/SAT fee. You must have an authorized high school official submit your fee waiver documentation online. If you have not yet been granted a fee waiver by ACT/SAT, you are not yet eligible for the registration fee waiver. Students need to complete registration at the end of their junior year or beginning of their senior year.

All ACT/SAT test scores must be submitted to NCAA/NAIA directly from the testing company. The code for NCAA is "9999" and for NAIA "9876" will send your scores directly to the Eligibility Center and should be requested at the time the student registers for the test. The student's score should still be sent to Waterford High School with the code "365355".

NCAA Athletic Eligibility Information
http://www.ncaa.org/student-athletes/future/eligibility-center enter as a student athelete .
Note Division III Eligibility Standards-contact the institution regarding its academic and amateurism policies. GPA and ACT test scores requirements are found online.

NAIA Athletic Eligibility Information
https://www.playnaia.org/ Register to Play or for more information click US student entering freshman, GPA and ACT test score requirements are found online.

Complete List of Courses offered at WHS

English Department			**Family & Consumer Science Department**	
100 ELA 100	1		177 Principles of Food	.5
101 ELA 101	1		277 Global Foods	.5
200 ELA 200	1		275 Child Development	.5
201 ELA 201	1		280 Transitions & Careers	.5
300 English Rhetoric & Comp	1		288 Textile Design	.5
400 English 400	1		380 Career Search II w/Mentorship	1.5
401A Transition to College Comp	.5		480 Career & College Readiness	.5
401B College Composition*	1		276 Personal Financial Management	.5
403 Speech*	1		176 Intro to Family & Consumer Sciences	.5
Foreign Language Department			**Industrial Tech Department**	
140 Spanish I	1		160 Manufacturing Operations I	1
240 Spanish II	1		260 Manufacturing Operations II	1
340 Spanish III*	2		163 Pre-Engineering Technology	.5
440 Spanish IV*	2		168 Technology Education	.5
441 Special Topics Spanish			167 Home Maintenance	.5
Science Department			161 Industrial Crafts I	.5
120 Physical Science	1		261 Industrial Crafts II	.5
220 Biology	1		266 Computer Aided Drafting*	1
320 Chemistry & Lab	1		**Agriculture Education Department**	
420 Physics	1		170 Agriculture, Food & Nat Res	1.25
323A Plants, People, & the Envir*	1		171 Animal & Vet Sci (18-19)	1.25
323B Environmental Science*	1		172 Plant & Soil Sci (19-20)	1.25
321 Microbiology/ Anat & Physiol*	1.5		272 Welding & Mech Principles	1.25
322 Big History	1		372 Welding & Mech Principles Cap Stone	1.25
Math Department			273 Greenhouse & Nursery Mgt	1.25

112 Pre-Algebra	1		**Art Department**	
110 Algebra I	1		150 Art I	1
210 Geometry	1		250 Art II	1
310C Algebra II	1		350 Art III	1
310 Algebra II/ College Algebra*	1.5		450 Art IV	1
410 Trig/ Analytical Geom & Calc I*	2		**Music Department**	
411 Principles of Statistics*	1.5		184 Chorus	1
412 Transition to College Math	1		188 Band	1
Social Studies Department			186 Percussion Class	.5
130 World Studies	1		**Physical Education Department**	
230 American History	1		191/291/391 P.E. I, II, III	.25
330 Amer. Government/Economics	1		190 Personal Wellness	.5
430 World History	1		390 Athletic Training	.5
Business Technology Department			**Other**	
125 PC Applications	1		460 Yearbook	1
126 PC Applications*	1.5		324 Medical Terminology I*	.67
225 Web Publishing	1		424 Medical Terminology II*	.67
226 Accounting	1		Human Resource Management*	1
Intro to Business*	1		Art Appreciation*	1

***Dual Enrollment Credit may be available** **Students who successfully complete this course may receive dual-enrollment credit.*

PLANNING CHART

21 Credits needed for Graduation

	Freshman	Sophomore	Junior	Senior
ENGLISH 4 credits required	ELA 100 or ELA 201	ELA 200 or ELA 201 or English Rhetoric & Comp 300	English Rhetoric & Comp 300 or ERC 301 or English 400	English 400 or Trans/ College Composition I H or Comp I &/or Comp II
SOCIAL STUDIES 3 credits required	World Studies	American History	Government/ Economics	
MATH 4 credits required				
SCIENCE 3 credits required	Physical Science	Biology		
P.E. ½ credit required **HEALTH** ½ credit required **MANAGE TRANSITIONS** ½ credit required	PE I Health	PE II Transitions and Careers		Career and College Readiness
ELECTIVES (1 credit Fine Arts required for those not attending the Career Center)				