

LOWELLVILLE HIGH SCHOOL
Grades 9-12 Course Description Catalog
2016-2017

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MISSION STATEMENT

The mission of the Lowellville Local School District, in collaboration with students, families, and community, is to provide all learners with the knowledge, skills, academic, emotional, and physical environment necessary to reach their full potential as individuals and be productive, responsible members of society.

PURPOSE OF BOOKLET

STUDENTS AND PARENTS

This booklet is designed to assist each student in the selection of the course of study that will help him/her earn the requirements toward graduation and to help plan for his/her future career. While at Lowellville in choosing classes, each student should consult with the school staff and his/her parents to plan course selections.

Please use this booklet to schedule yourself in grades 9 – 12. You will not be issued a new booklet each year. You will be issued any changes that occur in the future. This booklet is also available on the Lowellville Schools web page at: www.lowellville.k12.oh.us

You should review this booklet thoroughly to become aware of all educational options. You should consider your educational and career goals and carefully prepare an educational program that will help meet them.

Please do not hesitate to ask for any type of assistance during the scheduling process. Remember that planning for tomorrow means carefully choosing today.

WHAT SHALL WE TAKE TODAY?

Because today's students must meet the challenges of the 21st Century, Lowellville High School strives to best serve their needs by offering a diversified curriculum. Students can select course offerings from Lowellville High School, the Tech Prep Program, and/or the Mahoning County Career & Technical Center.

CLASS SCHEDULES

Students must carry a minimum load of at least six (6) credits in grades 9-11 but are encouraged to carry seven (7), and six (6) credits in grade 12. Students will not be granted permission to take less than the minimum class load.

GRADE LEVEL CLASSIFICATION

Grade 9	0 – 5 1/4 credits
Grade 10	5 1/2 - 10 3/4 credits
Grade 11	11 – 16 1/4 credits
Grade 12	16 1/2 credits minimum

GRADUATION REQUIREMENTS

(21 credits for Lowellville and Mahoning County Career & Technical Center students)

LOWELLVILLE HIGH SCHOOL

1. 4 credits of English
2. 4 credits of Social Studies including
 - 1 credit of World History
 - 1 credit of American History
 - 1 credit of American Government
 - ½ credit of Economics
 - ½ credit of Global Studies
3. 3 units of Science including
 - 1 credit of Life Science
 - 1 credit of Physical Science
 - 1 credit of advance study
4. 4 credits of Mathematics
5. ½ credit of Health
6. ½ credit of Physical Education
7. ½ credit of Integrated Computer Applications
8. 4.5 credits of electives which must include one (1) credit from the areas of Business Technology, Fine Arts and/or Foreign Language.

MAHONING COUNTY CAREER & TECHNICAL CENTER

1. 4 credits of English
2. 3 credits of Social Studies including
1 credits of American History
1 credits of World History
1 credits of Government
3. 3 credits of Science
4. 4 credits of Mathematics
5. ½ credits of Physical Education
6. ½ credits of Health

The Lowellville Board of Education and the Ohio Department of Education have issued the following minimum requirements for graduation:

- Grade 9 Physical Education, Health, Integrated Computer Applications, English, Science, World History, and Mathematics, 1 Elective or 1 Foreign Language.
- Grade 10 English, Mathematics, Science, Physical Education, and U.S. History, 2 Electives or 1 Elective and 1 Foreign Language.
- Grade 11 English, Government, Mathematics, Science, and 2 Electives or 1 Elective and 1 Foreign Language. (Students at MCCTC do not have to take 1 Elective or 1 Foreign Language)
- Grade 12 English, Economics, Mathematics, Global Studies, and 4 Electives (Students at MCCTC do not have to take Economics, Global Studies, 1 Elective or 1 Foreign Language)

GRADES

A	Superior Performance	4 points
B	Strong Performance	3 points
C	Satisfactory Performance	2 points
D	Minimum Performance	1 points
F	Very Poor Performance	0 points
*WP	Withdraw Passing	0 points
*WF	Withdraw Failing	0 points, figured in GPA
I	Incomplete; work must be completed as arranged by instructor or grade becomes F	
*	To be determined by counselor and administration	

Students should expect homework assignments, quizzes, weekly unit and/or grade period tests, plus semester exams. If you should have a question regarding your grades, be sure to speak with your teacher(s) as soon as possible.

Semester exams will be given. They will reflect a fraction of your final grade. In determining final grades, the following scale will be followed when averaging nine-week grades and semester exam grades:

A	3.51 - 4.00	A	93 - 100
B	2.51 - 3.50	B	85 - 92
C	1.51 - 2.50	C	75 - 84
D	.51 - 1.50	D	65 - 74
F	.00 - .50	F	64 - Below

Students must take final exams for those courses in which an exam is given if they are to receive credit for that course. Students failing the second semester of a two-semester course shall fail the course regardless of the first semester grade.

GRADE POINT AVERAGE

1. All credits earned will be included in determining grade point average: This includes summer school and/or correspondence school, with prior approval of the principal; includes tutorial credits with prior approval of principal.
2. Subjects repeated are counted both times; for example, if English I is taken and failed and repeated with a "C," the final grade shall be counted as "1.0".
3. Grade points will be assigned to courses as follows:
A = 4; B = 3; C = 2; D = 1; F = 0
4. Grade point average will be determined by dividing the total academic points earned by the total credits attempted.
5. Grade point average will be computed to three decimal places

RANK IN CLASS

1. All graduating seniors will be assigned a rank in class.
2. Rank in class will be computed at the end of the sixth and eighth semesters. The purpose of the sixth semester ranking will be an unofficial ranking for those students applying for college entrance and scholarships. Official class ranking will be computed at the end of the eighth semester.
3. Rank in class will be determined by assigning the student with the highest grade point average, a rank of number one (1), the second highest rank of two (2), etc. In cases where more than one student has the same number, all students with that same number will be assigned the same rank.
4. Rank in class will be shown on official transcripts.
5. Grades for students enrolled in College Credit Plus courses will be included in their GPA.

Valedictorian/Salutatorian (Class of 2016 and 2017 only)

The graduating Senior(s) having the highest (Valedictorian) and second highest (Salutatorian) cumulative grade point average, based upon the 4.0 grading scale, and has completed any courses required by the Ohio Department of Education, the Lowellville Local Schools and the following:

4 credits of English (including Advanced III & IV)

4 credits of Math (including Pre-Calculus)

3 credits of Science from the following: Biology, Anatomy and Physiology, Chemistry and Physics.

3 credits of one foreign language OR 2 credits each of two foreign languages.

A student must enter Lowellville High School by their junior year and attend 4 consecutive semesters to be eligible for Valedictorian/Salutatorian.

Valedictorian/Salutatorian (Class of 2018 and beyond)

The graduating Senior(s) having the highest (Valedictorian) and the second highest (Salutatorian) cumulative grade point average, based upon a 4.0 grading scale, and has completed any courses required by the Ohio Department of Education, the Lowellville Local Schools, and the following:

4 Credits of Language Arts, including Advanced II, III and IV.

5 Credits Math, including Calculus.

4 Credits of Science including, Physical Science, Biology and Physics and at least 1 of the following: Anatomy and Physiology or Chemistry (If students were exempt from Physical Science they will need to take another science in place of it.)

4 Credits of Social Studies, including World History, U.S. History, Government and Global/Economics.

3 Credits of 1 Foreign Language, or 2 credits each of 2 Foreign Languages.

The College Credit Plus equivalent as determined by the Lowellville Local School District of any of the above course offerings shall be sufficient to satisfy any particular course requirement.

A graduating Senior shall have a minimum of 28 course credits to be eligible to be named Valedictorian or Salutatorian.

A student must enter Lowellville High School by their junior year and attend 4 consecutive semesters to be eligible for Valedictorian/Salutatorian.

HONOR ROLL

The Honor Roll will be determined by the nine-week grade point average. A minimum GPA of 3.20 with no D's or F's is required to make the Honor Roll for the nine weeks. A minimum GPA of 3.80 is required for High Honor Roll.

UNCONDITIONAL ADMISSIONS STANDARDS FOR STATE AND STATE-RELATED UNIVERSITIES IN OHIO

4 credits of English, with emphasis on composition.

4 credits of Mathematics, specifically Algebra I and II, and Geometry.

3 credits of Science, including at least one credit of Biology, Chemistry, Earth Science, or Physics. These courses should have significant lab experience.

3 credits of Social Studies, specifically including one credit of U.S. History and one of U.S. Government.

2 credits of one foreign language (YSU will be requiring students depending on major to take the foreign language placement test).

1 credit of Fine and Performing Arts, specifically from the areas of music, art, or drama.

Ohio residents who have graduated from high school without completing all of the above program may be admitted on the condition that their course of study include prescribed courses aimed at correcting any deficiencies. A student admitted with deficiencies should realize that such courses will not count as credit toward fulfilling the baccalaureate degree requirements.

POST-SECONDARY ENROLLMENT OPTIONS

Students in grades 7 – 12 may attend college while in high school for both high school and college credit. Students interested in this post-secondary option must meet with a high school counselor and complete the required forms prior to college registration. More detailed information will be given at that time. Students interested in applying for post-secondary courses should plan on taking the ACT no later than February.

NATIONAL HONOR SOCIETY

The induction for National Honor Society will take place in the Spring so that the student's GPA can be based on five semesters, one of which includes the junior year.

To meet the requirement of service, a student must take part in at least 25 hours of service projects during his/her freshman, sophomore, and junior years. Service projects can involve community, church, or school activities that a student volunteers for and provides dependable and well-organized assistance.

To achieve leadership, a student must partake in at least one activity that displays leadership, responsibility, reliability and dependability during his/her freshman, sophomore, and junior years. (E.g. an officer or active member of an organization either at school, work, church or community; or a participant in a sport) Student must provide a letter of endorsement from the sponsor of the organization or the team coach verifying the leadership qualities.

To achieve character, faculty will rate each student (with whom they've had direct contact in the classroom or in extra-curricular activities) from 1 (lowest) to 5 (highest) in the area of Character. In order to become a member the candidate must receive an average vote of 3.50 or higher in the area of Character.

Any or all students who have the 3.4 GPA must provide all of the above documentation to the NHS advisor with a completed application listing their activities.

** The requirements for National Honor Society may be amended at any time by the NHS Faculty Council.

CRITERIA FOR AWARDING A DIPLOMA WITH HONORS

(I) To be awarded a diploma with honors beginning Sept. 15, 2010, the student shall be required to meet at least all but one of the criteria listed in this paragraph for either the more rigorous high school academic or career-technical education curriculum. The criteria listed in this paragraph will replace the criteria established in paragraph (H) from that date forward. A student shall not be required to meet more than the specified number of criteria, nor shall any student be required to meet any one specified criterion. Any student who receives high school credit for a course in accordance with the provisions of paragraph (B) of rule 3301-44-06 of the Administrative Code (postsecondary enrollment options) or in accordance with the provisions of division (G) of section 3313.603 of the Revised Code (credit for advanced work below ninth grade) shall receive credit for the course toward the requirements of this paragraph provided the course is related to a subject area listed in this paragraph.

(1) The student who completes the more rigorous high school academic curriculum shall meet at least seven of the following eight criteria:

- (a) Earn four units of English;
- (b) Earn at least four units of mathematics which shall include algebra I, algebra II, geometry, and another higher level course or a four-year sequence of courses which contains equivalent content;
- (c) Earn at least four units of science including one unit of physics and one unit of chemistry;
- (d) Earn four units of social studies;
- (e) Earn either three units of one foreign language or two units of each of two foreign languages;
- (f) Earn one unit of fine arts;
- (g) Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or
- (h) Obtain a composite score of twenty-seven on the American college test's ACT assessment (excluding the optional writing test) or a combined score of twelve hundred ten on the college board's SAT verbal and mathematics sections (excluding the required writing section).

(2) The student who completes an intensive career-technical education curriculum in the high school shall meet at least seven of the following eight criteria:

- (a) Earn four units of English;
- (b) Earn at least four units of mathematics which shall include algebra I, algebra II, geometry, and another higher level course or a four-year sequence of courses which contains equivalent content;
- (c) Earn at least four units of science including one unit of physics and one unit of chemistry;
- (d) Earn four units of social studies;
- (e) Earn four 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 post secondary 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;
- (f) Achieve the proficiency benchmark established for the Ohio career-technical competency assessment available at http://www.webxam.org/info_docs.asp * or an equivalent assessment aligned with state-approved and industry validated technical standards;
* Additional content is available at education.ohio.gov, keyword search: *OCTCA*.
- (g) Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year; or
- (h) Obtain a composite score of twenty-seven on the American college testing service's ACT assessment (excluding the optional writing test) or a combined score of twelve hundred ten on the college board's SAT verbal and mathematics sections (excluding the score obtained on the required writing section).

ELIGIBILITY CRITERIA FOR AWARD OF MERIT

The requirements listed below have been adopted for the “Award of Merit.” This certificate will be awarded by the State Board of Education to all those who meet the criteria specified in **A and C** or **B and C**.

- A. COLLEGE PREP REQUIREMENTS-** completes the following minimum requirements
1. English – 4 credits (May include 1 credit of speech)
 2. Mathematics – 4 credits (Must include 1 credit of algebra and 1 credit of Geometry)
 3. Science – 3 credit (Must include 2 credits from among biology, chemistry, and physics)
 4. Social Studies – 3 credits (Must include 2 units of history and 1/2 unit of civics or government)
 5. Foreign Language – 3 credits (Must include no less than 2 credits of any language for which credit is sought, i.e.; 3 credits of one language or two credits each of two languages.)
 6. Complete 2 credits from one or more of the following, or 2 additional credits from one or more of the areas listed A.1 through A.5 above.
 - a. Business
 - b. Computer Science
 - c. Visual or Performing Arts
- B. CAREER-TECHNICAL CURRICULUM REQUIREMENTS**
1. Complete a technical occupational preparation program
 2. Complete the following curriculum requirements:
 - a. English 4 credits
 - b. Mathematics 4 credits
 - c. Science 3 credits
 - e. Social Studies 3 creditsApplied academic credits earned via technical education shall apply to the criteria for the “Award of Merit,”
 3. Complete two credits from one or more of the following, or two additional units from one or more of the areas listed in B.2 above:
 - a. Business
 - b. Computer Science
 - c. Foreign Language
 - d. Visual or Performing Arts
- C. PERFORMANCE CRITERIA** (applies to both curricula)
1. Maintain above average attendance for grades nine through twelve (compared to a rolling four-year state average).
 2. Demonstrate outstanding achievement in the curriculum as evidenced by one of the following: earning the equivalent of an overall grade point average of 3.25 on a four-point scale for grades nine through twelve; earning the equivalent of an overall grade point average of 3.5 on a four-point scale for grades eleven and twelve; **or** ranking in the top 25% of the class, whichever is more inclusive.
 3. Participate in co-curricular, extracurricular or community activities in accordance with procedures established by the district board of education.
 4. Demonstrate outstanding citizenship/character traits in accordance with criteria established by the district board of education.

ATHLETIC ELIGIBILITY

The requirements listed below have been adopted by the Lowellville Board of Education

- Athlete must carry a 1.0 GPA
- Athlete must pass five credits of OHSAA eligibility standards
- Athlete is permitted to receive one Failing grade
- An athlete receiving two Failing grades in any one grading period is ineligible
- Eligibility is based on the nine week grades
- *8TH GRADERS GOING TO NINTH GRADE MUST PASS 75% OF THEIR 4TH NINE WEEKS COURSE WORK TO BE ELIGIBLE (THIS IS ALSO MANDATORY FOR 7TH GRADERS GOING TO 8TH)*

WITHDRAWAL FROM CLASS AFTER SCHOOL HAS BEGUN

1. For permission to be granted, student must enroll in a course of equal credit and be willing to expend effort to catch up.
2. Partial course credits cannot be assigned; student either receives full credit or no credit.
3. Permission from both principal and counselor is required during the first two full weeks of any course.
4. The principal must grant permission for withdrawal after the class has met for two full weeks. Very few will be granted.
5. The counselor and/or principal may request a conference with parents prior to any changes in schedule.
6. **In most cases, if a student wishes to drop classes after a two-week period, it will be done with a WF grade, which will become part of the student's permanent record and will be treated like an "F" when computing grade point averages and class rank. The principal will make the final decision in all cases.**

COURSE DESCRIPTIONS

ART

Art I

Credit: 1
Semesters: 2

This is an elective course for students in grades 9-12. This course is designed to give the first-year student experience in a wide variety of techniques. The assignments are designed to teach fundamentals of drawing, painting, and three-dimensional design, plus some art history. Field trips are part of the program.

Art II

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Art I

This second-year course builds toward more sophisticated projects that encourage personal style, while improving basic art skills. Some art history is taught, and field trips are part of the program.

Art III

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Art II

This third-year course encourages individual initiative and creation of superior quality work, with emphasis on integrating personal style. Students begin to target areas of expertise, making the transition from student to artist. Field trips are part of the program.

Art IV

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Art III

This fourth-year course brings together all of the elements of the past three years and is designed for students with a high art interest and ability and/or pursuing a career in art. Student artists select an area of concentration for their assignments. Field trips are part of the program.

BUSINESS EDUCATION

Accounting I (Grades 11 - 12)

Credit: 1
Semesters: 2

Students will journalize transactions, post to ledgers, perform worksheet analysis, prepare financial statements complete payroll forms, and write checks with regard to accounting principles for a sole proprietorship and partnership. Some corporate accounting practices will be introduced.

Special Assignments: Simulations and Reinforcement Activities

Microsoft Excel computer applications

Word Processing I (Grades 9-12)

Credit: 1
Semesters: 2

This course will cover keyboard letters, numbers, and symbols, improving technique and basic skills, reading/keyboard response patterns, business applications, formatting, document processing, completing integrated office projects, and speed development. The computer lab has Dell computers. We use the Microsoft Office software package.

Special Assignments: Practice Sets, Simulations

Word Processing II (Grades 10-12)

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Word Processing I

This course will cover letter production, table, business form, report production, integrated office projects, and speed development. Students will use Dell computers and Microsoft Office software.

Special Assignments: Simulations

Integrated Computer Applications

Credit: 1/2
Semesters: 1

This course will cover computer terminology and a variety of computer applications such as word processing, spreadsheets, database, presentation graphics, operating systems, web page design, and Internet applications. Students will use Dell computers for instruction in Microsoft Word, Excel, Access, PowerPoint, FrontPage, Internet Explorer, and the Google E-Mail program.

Career Development (Grades 11-12)

Credit: 1
Semesters: 2

This is a full year course developed for students focusing and preparing for a career. These students plan on furthering their education by going to college or a business/technical school. This course acts as a guide for the student developing self-awareness through self-assessments; preparing and gaining knowledge of colleges, courses, and curriculums; acknowledging career trends, awareness, success and growth; understanding the workplace; how to apply for a job and successful job interviewing; and entrepreneurship. All students will be expected to work cooperatively with others on projects.

ENGLISH LANGUAGE ARTS

Language Arts 9

Credit: 1
Semesters: 2

Prerequisite: Successful Completion of Language Arts 8

This course will cover the Common Core State Standards set forth by the Ohio Department of Education.

Students will be analyzing many different forms of literary and informational texts. Students will cite with textual evidence, study theme and central idea, study many complex characteristics within various works, understand figurative and connotative meanings, as well as many other types of literary devices relevant to the genre of story being studied. Works studied will be comprised of American literature, British literature, and World literature.

Students will be composing many types of writing. The students will be composing pieces of argumentative writing with claims and evidence, informational/expository writing, and narrative writing with particular emphasis on word choice and

organization. Students will be using various forms of technology to gain feedback and publish their work. In addition, students will become familiar with citation and be able to analyze sources for reliability.

The students will also be learning many forms of speaking and listening skills. Students will be participating in partner and group discussions. They will also be using multiple sources to evaluate speeches and compose ideas to be used in debates. Many types of digital media will be utilized.

The students will become more familiar with writing conventions in the forms of parallel structure, types of phrases, word relationships, clauses, semicolons, and colons. The students will learn to work from a style manual when writing and be able to decipher specific words and phrases when composing various texts.

Language Arts 10

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Language Arts 9

This course will cover the Common Core State Standards set forth by the Ohio Department of Education.

Students will be analyzing many different forms of literary and informational texts. Students will cite with textual evidence, study theme and central idea, study many complex characteristics within various works, understand figurative and connotative meanings, as well as examine many other types of literary devices relevant to the genre of story being studied. Works studied will be comprised of American literature, British literature, and World literature.

Students will be composing many types of writing. The students will be composing pieces of argumentative writing with claims and evidence, informational/expository writing, and narrative writing with particular emphasis on word choice and organization. Students will be using various forms of technology to gain feedback and publish their work. In addition, students will become familiar with citation and be able to analyze sources for reliability.

The students will also be learning many forms of speaking and listening skills. Students will be participating in partner and group discussions. They will also be using multiple sources to evaluate speeches and compose ideas to be used in debates. Many types of digital media will be utilized.

The students will become more familiar with writing conventions in the forms of parallel structure, types of phrases, word relationships, clauses, semicolons, and colons. The students will learn to work from a style manual when writing and be able to decipher specific words and phrases when composing various texts.

The students in Language Arts 10 will be examining the above standards with more rigor than Language Arts 9.

Advanced Language Arts 10

Credit: 1
Semesters: 2

Prerequisite: Successful Completion of Language Arts 9 with a B average or better AND teacher recommendation.

This course will cover the Common Core State Standards set forth by the Ohio Department of Education.

Students will be analyzing many different forms of literary and informational texts. Students will cite with textual evidence, study theme and central idea, study many complex characteristics within various works, understand figurative and connotative meanings, as well as examine many other types of literary devices relevant to the genre of story being studied. Works studied will be comprised of American literature, British literature, and World literature.

Students will be composing many types of writing. The students will be composing pieces of argumentative writing with claims and evidence, informational/expository writing, and narrative writing with particular emphasis on word choice and organization. Students will be using various forms of technology to gain feedback and publish their work. In addition, students will become familiar with citation and be able to analyze sources for reliability. The students will also be learning many forms of speaking and listening skills. Students will be participating in partner and group discussions. They will also be using multiple sources to evaluate speeches and compose ideas to be used in debates. Many types of digital media will be utilized.

The students will become more familiar with writing conventions in the forms of parallel structure, types of phrases, word relationships, clauses, semicolons, and colons. The students will learn to work from a style manual when writing and be able to decipher specific words and phrases when composing various texts.

The students in Advanced Language Arts 10 will be examining the above standards with more rigor than Language Arts 9. Since this is an advanced course, students will be expected to read and compose texts with more complexity than Language Arts 10. Advanced Language Arts 10 will have a major project component that will be aligned with multiple Common Core Standard Statements.

Language Arts 11

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Language Arts 10

This course will cover the Common Core Standards set forth by the Ohio Department of Education.

Students will utilize and evaluate literary devices to read and comprehend a wide variety of literature. They will also integrate multiple sources in different media to analyze and comprehend informational text and literary nonfiction. Students will produce argumentative, informative, and narrative writing using formal writing style, conventions, and standard citation formats while using technology in production of the writing. Students will do oral presentations using multiple sources of information and diverse media formats.

Advanced Language Arts 11

Credit: 1
Semesters: 2

Prerequisite: Students must obtain a B average in Advanced Language Arts 10 or be recommended for the class by their Language Arts 10 teacher.

This course will cover the Common Core Standards set forth by the Ohio Department of Education.

Students will utilize and evaluate literary devices to read and comprehend a wide variety of literature. They will also integrate multiple sources in different media to analyze and comprehend informational text and literary nonfiction. Students will produce argumentative, informative, and narrative writing using formal writing style, conventions, and standard citation formats while using technology in production of the writing. Students will do oral presentations using multiple sources of information and diverse media formats.

Students in the Advanced Language Arts 11 class will be examining the above standards with more rigor than the Language Arts 11 class. Students will be expected to produce writing and examine texts with more complexity and to perform at a higher standard.

Language Arts 12

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Language Arts 11

This course will cover the Common Core Standards set forth by the Ohio Department of Education.

Scaffolding on the course objectives stated in Language Arts 11, students will utilize and evaluate literary devices to read and comprehend a wide variety of literature. They will also integrate multiple sources in different media to analyze and comprehend informational text and literary nonfiction. Students will produce argumentative, informative, and narrative writing using formal writing style, conventions, and standard citation formats while using technology in production of the writing. Students will do oral presentations using multiple sources of information and diverse media formats.

Advanced Language Arts 12

Credit: 1
Semesters: 2

Prerequisite: Students must obtain a B average in Advanced Language Arts 11 or be recommended for the class by their Language Arts 11 teacher.

This course will cover the Common Core Standards set forth by the Ohio Department of Education.

Scaffolding on the course objectives stated in Advanced Language Arts 11, students will utilize and evaluate literary devices to read and comprehend a wide variety of literature. They will also integrate multiple sources in different media to analyze and comprehend informational text and literary nonfiction. Students will produce argumentative, informative, and narrative writing using formal writing style, conventions, and standard citation formats while using technology in production of the writing. Students will do oral presentations using multiple sources of information and diverse media formats.

Students in the Advanced Language Arts 12 class will be examining the above standards with more rigor than the Language Arts 12 class. Students will be expected to produce writing and examine texts with more complexity and perform at a higher standard.

Journalism / Rocketeer Newspaper (Grades 9-12)

Credit: 1
Semesters: 2

Prerequisite: A or B in Language Arts or recommendation from Language Arts teacher.

This course will allow students to create an online student newspaper. The students' main goal is to produce a high quality online student newspaper for the student body and community. The students will work as a team in putting out a student publication while using responsibility in reporting. Students will write original news, features, sports, arts/entertainment, editorials, and captions while using both basic and advanced photography skills. Students will learn layout and design of an online newspaper while meeting ALL deadlines ON TIME! Since this is a student driven newspaper, the students will plan and create the newspaper including story assignments and layout.

Film Study (Grades 10-12)

Credit: 1
Semester: 2

The objective of Film Studies is to explore various films historically, theoretically, and analytically in order to understand how genres change over time and how various directors evolve over the course of their works. Students will learn to view films as literary works by learning how to watch and listen to films analytically, learning how events, characters, and meanings shape film, examining how props, costumes, lighting, special effects, and music add to film, and examining film with respect to authorship, setting, character, theme, plot, and symbolism. Students will participate in class discussions, informal responses, class projects, analytical papers, individual speeches, and formal presentations by developing a more meaningful relationship with classic film.

FILM STUDY DISCLAIMER

Films will have various ratings used by the Motion Picture Association of America's film rating system and ALL films will be reviewed for educational purposes. We will view films as art, propaganda, communication, and analyze the effects of film on society in general. We will be viewing these films with literary devices. Students may be shown movies that are rated G, PG, PG13, and R.

FOREIGN LANGUAGE

Italian I

Credit: 1
Semesters: 2

This course covers vocabulary, grammatical structures, verb forms and usage, civilization, culture, translations, and idiomatic expressions.

Special Projects: Reports on a Italian-speaking country, skits, posters,
memorization of poems
Group work on skills in Italian

Additional Requirements: Maintain a notebook containing any special material, homework, or quizzes. Italian-English dictionary

Italian II

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Italian I

Students in this second-year course will increase their skills in the following: verbs - structure and language - other grammatical structures, reading, idiomatic expressions, vocabulary study, writing, conversation, culture, and civilization.

Special Projects: Maps, posters, skits, group work, memorization of selected poems

Additional Requirements: Students should possess and reinforce writing, reading, comprehension and interaction skills learned in level I. Also, they should participate in language contests.

Italian III

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Italian II

Students in this course will increase their skills in the following: verbs, grammar Structure, reading, writing, conversation, culture and civilization

Special Projects: Research papers, skits, poem memorization

Additional Requirements: Students should participate in language contests and possess writing and conversational skills learned in levels I and II.

Italian IV

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Italian III

Fourth year Italian introduces more grammar, literature, reading, idioms, writing, conversation, culture, and civilization.

Special Projects: Research papers, skits, dialogues, and posters.

Additional Requirements: Students should participate in language contests and possess writing and conversational skills learned in Italian I, Italian II, and Italian III.

Spanish I

Credit: 1
Semesters: 2

This course covers vocabulary, grammatical structures, verb forms and usage, civilization, culture, translations, and idiomatic expressions.

Special Projects: Reports on a Spanish-speaking country
Group work on skills in Spanish
Online practice

Additional Requirements: Maintain a notebook containing any special material, homework, or quizzes. Spanish-English dictionary, notebook

Spanish II

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Spanish I

This second-year course includes vocabulary, grammatical structures, verb forms and usage, civilization, culture, translations, and idiomatic expressions.

Special Projects: Group work on skits in Spanish, reports online practice

Additional Requirements: Maintain a notebook containing special material, homework, or quizzes.
Maintain a Spanish dictionary
Spanish-English dictionary
Demonstration of mastery of skills taught in Spanish I (i.e. reading, writing, and grammar)

Spanish III

Credit: 1
Semesters: 2

Prerequisite: Successful completion of Spanish II

Additional verb tenses in indicative and subjunctive modes, reading, writing, conversation, literature, museums and culture are stressed in this third-year course.

Special Projects: Maps, posters, skits, reports, and group work
Field trips (if possible). Online exercises, and practice

Additional Requirements: Demonstration of mastery of skills taught in Spanish I and II (i.e. reading, writing, and grammar) Spanish-English dictionary.

Spanish IV

Credit: 1
Semester: 2

Prerequisite: Successful completion of Spanish III

The fourth year of Spanish expands upon previously learned grammar. In addition, there is a large amount of reading - including 15th century and contemporary literary

Special Projects: Maps, posters, skits, reports, group work, essay writing, and discussions on current topics. Students will teach Spanish units to our elementary students.
Field trip (if possible)
Online practice and grading system

Additional Requirements: Demonstration of mastery of skills taught in Spanish I, II, and III (i.e. reading, writing, and grammar) Spanish-English dictionary. Audio tapes, and diskettes

Students will be prepared to take the Clep Exam for college credit in the spring.

HEALTH AND PHYSICAL EDUCATION

Health

Credit: 1/2
Semesters: 1

Topics included in this course are appearance, behavior, emotions and health, mental mechanics, mental-emotional disorders, alcohol, tobacco and drug abuse, bone, muscles, sex education, first aid, and nutrition.

Special Projects: Outlines and notebooks/projects and role play situations
Journal/self-log

Physical Education I

Credit: 1/4
Semesters: 1

This course will focus upon conditioning, calisthenics, running, rope jumping, relays, contests, touch football, kickball, whiffle ball, kick soccer, basketball, volleyball, the decathlon and weight training. Team games with an emphasis on sportsmanship, cooperation, and attitude.

Special Projects: "Participation" course and self-testing activities and fitness Assessment.

Physical Education II

Credit: 1/4
Semesters: 1

This course will continue to develop students skills in fitness, conditioning, calisthenics, running, rope jumping, relays, contests, touch football, kickball, whiffle ball, kick soccer, basketball, volleyball, the decathlon and life-time sports, and weight training.

Special Projects: "Participation" course and self-testing activities, and fitness Assessment.

Fitness for Life

Credit: 1/4

Semesters: 1

This course will enable students to assess and manage their own levels of fitness, while increasing their knowledge of the basic components of fitness: flexibility, muscular strength, cardiovascular endurance, muscular endurance and body composition. Students will be able to design and implement their own individualized fitness programs utilizing the newest techniques in the fitness industry. Students will also understand the imperative relationship between fitness and nutrition and will be able to create and manage their own nutrition plans. The knowledge and skills learned in this class will help students improve their overall wellness and focus on their endeavor of lifetime fitness.

INDUSTRIAL TECHNOLOGY

Computer Assisted Design I (CAD I)

Credit: 1

Semesters: 2

Prerequisite: Prior experience with Microsoft Windows is helpful but not required

This course introduces the student to computer-aided design/drafting with AutoCAD LT. The AutoCAD LT topics covered in this Level I Course include AutoCAD LT graphics and text windows, user interface, drawing setup parameters, rectangular and polar coordinate entry, 2D geometric objects and line types, object snaps, selection sets, X and Y coordinate filters, display control functions, text creation, 2D editing commands, and inquiry commands.

Required Materials: Two 3 –1/2” 1.44MB disks for drawing exercises and problems.
One disk should be used for backup purposes.

Computer Assisted Design II (CAD II)

Credit: 1

Semesters: 2

Prerequisite: Successful Completion of CAD I or equivalent experience

Designed to build on the skills acquired in the AutoCAD LT Level I class. This course introduces the student to both basic and advanced dimensioning and crosshatching techniques with AutoCAD LT. The AutoCAD LT topics covered in this Level II course include dimensioning variables, hatching options, paper space layouts and plotting, blocks, attributes, and external references.

Required Materials: Two 3 –1/2” 1.44MB disks for drawing exercises and problems.

One disk should be used for backup purposes.

Introduction to Technology – Grade 9

Credit: 1/2
Semesters: 1

Students will be introduced to a 10-hour course on the following career tech Opportunities: Automotive, Hydraulics, Basic Electric, Industrial Control, Computer-Aided Design, Biomedical, Mechanisms, Digital Photography, and CNC Milling. These learning modules are designed to stimulate an interest and give an understanding of what course of study students may want to develop at Lowellville High School or MCCTC.

Career Based Intervention (Grades 9-12)

Credit: 1
Semesters: 2

This course is designed to serve students in grades 9-12 who may need additional encouragement to finish their high school education. This program is aimed specifically at helping youth to become reoriented and motivated toward education and exposed to career exploration and the world of work. The instructor of this course will be responsible for placing the students in a work experience setting. The teacher will identify the work setting, coordinate and give general supervision to the student working under the direct supervision of the work sponsors. He/she will coordinate students' on-the-job experiences and counsel with the work sponsors in helping to develop good student work habits and work performance. The work sponsor and the teacher coordinator will both be concerned with the evaluation of student progress.

Industrial Technology I

Credit: 1
Semesters: 2

Students will study Automotive, Hydraulics, Basic Electric, Industrial Control, Computer-Aided Design, Biomedical Mechanisms, Digital Photography, and CNC Milling.

STEM

Robotics

Credit: 1
Semester: 2

Robotics is a STEM based course.

Students are placed upon teacher recommendation.

Participants must be enrolled in either a pre - approved advanced Math or Science course.

MATHEMATICS

Basic Algebra One

Credit: 1
Semesters: 2

Prerequisite: 8th grade mathematics

Concepts introduced are taught at a level for those students not pursuing a STEM related career. Concepts taught include: Relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions with modeling.

Basic Geometry

Credit: 1
Semesters: 2

Prerequisite: Basic Algebra One

Concepts introduced are taught at a level for those students not pursuing a STEM related career. Concepts taught include: Congruence, proof, and constructions, similarity, proof and trigonometry, extending to three dimensions, connecting algebra and geometry through coordinates, circles with and without coordinates, applications of probability.

Basic Algebra Two

Credit: 1
Semesters: 2

Prerequisite: Basic Geometry

Concepts introduced are taught at an informal level to those students not planning on enrolling in college math. This class is an extension of Basic Algebra One. Topics include: properties of real numbers, linear equations, functions and

polynomials, factoring, quadratic, exponential and logarithmic functions, probability and trigonometry.

Algebra 1

Credit: 1
Semesters: 2

Prerequisite: Recommended grade of “C” or above in 8th grade Math

Concepts are taught at a level appropriate for students demonstrating an aptitude for STEM related careers. Concepts taught include: Relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions with modeling.

Algebra 2

Credit: 1
Semesters: 2

Prerequisite: Recommended grade of “B” or above in geometry and/or teacher recommendation

Concepts are taught at a level appropriate for students demonstrating an aptitude for STEM related careers. Concepts taught include: Polynomial, rational and radical relationships, trigonometry functions, modeling with functions, inferences and conclusions from data.

Geometry

Credit: 1
Semesters: 2

Prerequisite: Algebra I, and a recommended grade of “B” or above/teacher recommendations may be considered

Concepts are taught at a level appropriate for students demonstrating an aptitude for STEM related careers. Concepts taught include: Congruence, proof, and constructions, similarity, proof and trigonometry, extending to three dimensions, connecting algebra and geometry through coordinates, circles with and without coordinates, applications of probability.

Advanced Mathematics/Pre - Calculus

Credit: 1
Semesters: 2

Prerequisite: Algebra II, and a recommended grade of “B” or above/teacher recommendations may be considered

Concepts are taught at a level appropriate for students interested in pursuing STEM related careers. Concepts taught include: In-depth study of functions, graphing complex polynomial and rational functions, logarithmic and exponential functions, in-depth look at trigonometry (including graphs, identities, law of sines and cosines), sequences, series and probability.

Calculus

Credit: 1
Semesters: 2

Prerequisite: Recommended grade of “B” or above in advanced mathematics and/or teacher recommendation

This course is a College in High School Course which means that it can be taken for both high school and college credit. GPA and ACT requirements must be met for the college component.

Concepts are taught at a level appropriate for students interested in pursuing STEM related careers. The curriculum of this course has been aligned with the curriculum established by the College Board. Concepts taught include: functions, limits, derivatives, applications of derivatives, integrals, and applications of integrals.

Statistics (Grades 11- 12)

Credit: 1
Semesters: 2

Prerequisite: Have passed Algebra 2 with a B or teacher recommendation.

This course is a College in High School Course which means that it can be taken for both high school and college credit. GPA and ACT requirements must be met for the college component.

Concepts are taught at a level appropriate for students interested in pursuing STEM or business related careers. The curriculum of this course has been aligned with the curriculum established by the College Board. Concepts taught include: background on statistics, distributions, graphs, data descriptions, probability, counting rules, probability distributions, normal distributions, sample size, intervals, hypothesis testing, correlations and regressions.

MUSIC

Choir I-IV

Credit: 1
Semesters: 2

Students enrolled in choir will begin a study of vocal literature through the performance of various types of choral music. Concepts addressed in choral rehearsals include the fundamentals of proper singing, melody, rhythm, harmony, form, dynamics, tempo, foreign language, and expression through movement, stage presence, and concert etiquette. Choir is a performance-based class, so rehearsals are geared toward various performances throughout the year. The Lowellville High School Choir performs at music department concerts, sporting events, school assemblies, and community functions. In choir, the art of music is learned, expressed, and appreciated through the performance of music from different historical periods in a variety of musical styles.

Special Projects: When possible, choir trips
Students can choose to participate in a variety of “extra” activities, including solo and ensemble contest and honors choir

Instrumental Music I-IV

Credit: 1
Semesters: 2

Prerequisite: Previous band experience or recommendation of instructor

Students enrolled in Band I – IV will advance their study of instrumental music while performing in a variety of settings. Emphasis is placed on moving beyond the notes and rhythms and addressing musical elements such as style, balance, blend, intonation, dynamics, expression, tonality, form, stage presence, and concert etiquette. Attention will be given to major and minor scales and arpeggios. Students will gain exposure to music from a variety of styles and historical periods by performing in ensembles such as a marching band, concert band, jazz band, and pep band. The Lowellville High School Band has a very active performance schedule.

Special Projects: When possible, band trips
Students can choose to participate in a variety of “extra” activities, including pep band, solo and ensemble contest, and honors bands.

Music Theory I (Grades 11-12)

Credit: 1
Semesters: 2

Prerequisite: Completion of at least one year of high school band or choir or recommendation of the instructor

Music theory involves an in-depth study of the fundamentals of music. Music will be studied at its most basic level. Concepts to be discussed include intervals, scales, Modes, melody, harmony, counterpoint, rhythm, meter, form, and analysis. Ear training is a fundamental aspect of music theory. Students will learn to compose their own melodies and musical works. Students will use the computer as a compositional aid.

Music Theory II (Grade 12)

Credit: 1
Semesters: 2

Prerequisite: Completion of Music Theory I

Music theory II will continue where Music Theory ended. Basic skills and concepts introduced in Music Theory I will be briefly reviewed. Music Theory II students will be introduced to two, three, and four part writing. Students will analyze the harmonies and forms of various musical excerpts, and compose their own original works. Students will also transpose and arrange various musical excerpts.

SCIENCE

Integrated Science (Grade 9)

Credit: 1
Semesters: 2

This introductory physical science course includes an exploration of scientific skills, basics of forces, motion and energy, properties of matter and working with the periodic table and chemical reactions. A history of the development of scientific theories will also be discussed. The Earth and Space Science portion of the class explores the complex cycles found within the planet's land, water and atmospheric layers such as plate tectonics. Additionally, a study of the universe, objects within the solar system and the forces among them is included.

Biology (Grades9-10)

Credit: 1
Semesters: 2

Prerequisite: Integrated Science or (for Freshmen- teacher recommendation and at least 3A's in 8th grade Science and 1B or all A's in 8th grade Science and registered for Algebra 1 or above)

This course emphasizes the central biological concepts of life including chemistry of living things, cell structure and function, genetics, change and diversity, microbiology, and ecology. This laboratory course is aimed toward a general understanding of living systems and their environments.

Environmental Science

Credit: 1
Semesters: 2

Prerequisite: Biology

This course emphasizes the application of biological, chemical and ecological principles to environmental issues. Concepts including pollution, waste management, recycling, endangered species (biodiversity), interdependence of ecosystems, population control, mining and energy consumption will be explored.

Chemistry

Credit: 1
Semesters: 2

Prerequisite: Algebra I and Biology

This is a general chemistry course that has a laboratory component. This course is designed as an academic science elective for all college bound students. Among the topics covered are safety, laboratory equipment, matter, periodic table, compounds, reactions, equations, bonding, stoichiometry, acids, bases and pH, oxidation/reduction and nuclear chemistry.

Chemistry 2

Credit: 1
Semesters: 2

This course is a college in High School Course which means it can be taken for both high school and college credit. GPA and ACT requirements must be met for the college component.

General Chemistry will be taught in close collaboration between YSU and Struthers High School (the course will take place at Struthers). It is intended to be an advanced experience in General Chemistry taught at the college level. Topics of Matter, Measurement, Atoms, Molecules, and stoichiometry; Reactions and Gases; Atomic Structures, Periodicity, and Basic Bonding; and Intermolecular forces, liquids, solids, and Thermo chemistry will be taught.

Anatomy and Physiology

Credit: 1
Semesters: 2

Prerequisite: Biology

This is an academic science elective for college bound students interested in a life science major. The topics covered are the human body systems. The laboratory portion of this course consists of the dissection of the dogfish shark, sheep brain, heart, eyeball and the fetal pig.

Physics

Credit: 1
Semesters: 2

Prerequisite: Pre-Calculus or concurrent

This is an academic science elective for college bound students. The topics covered are motion both in one and two-dimensions, circular and gravitational motion, vectors, forces, work, energy, momentum, collisions, fluid mechanics, heat, waves, sound, light, electricity and magnetism. The laboratory portion of this course consists of experiments supportive of the classroom topics. Also, students will build projects that will go to competition at YSU's Physics Olympics in March and the Penguin Regatta in May.

SOCIAL STUDIES

World History

Credit: 1
Semesters: 2

Ninth grade students continue the chronological study of World History. This study incorporates each of the seven standards set forth in the State of Ohio's Academic Content Standards. As students study historic eras, they consider influence of Geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop research skills.

The following units will be studied: Enlightenment Ideas, Industrialization, Imperialism, World War I, Russian Revolution, World War II, 20th Century Conflicts, and the Cold War.

American History from 1877 to present

Credit: 1
Semesters: 2

This course is a tenth grade course that covers: the rise of American Industrial Power, settlement of the west, growth of urban centers, immigration, and America's rise to become a world power. 20th Century Themes include: World War I, World War II, The Great Depression, The Cold War, Vietnam, The Civil Rights Movement, political and social change from the 1950's to the 21st Century.

American Government

Credit: 1
Semesters: 2

Eleventh grade students study the origins of government as well as contemporary issues related to our system in the United States. This course will cover such topics as: foundations of American government, political behavior including voting and the electoral process, responsibilities and powers of the legislative/executive/judicial branches, examination of civil liberties and individual freedoms, study of U.S. domestic and foreign policy, and the role of state and local governments in a federal system.

Economics

Credit: 1/2
Semesters: 1

Economics is a senior level course designed to teach students both elements of micro and macroeconomics. Focus is on basic financial literacy, the free enterprise system, laws of supply and demand, markets, capital, global exchange and the role of government. Students use the Holt Economics as a text. Supplemental materials include: new articles, video programs, consumer information. Life skills and good economic choices are explored and discussed. Students do two projects, an investment portfolio, and a Power Point presentation on entrepreneurship.

Global Studies

Credit: 1/2
Semesters: 1

Global Studies is a senior level course designed to provide updated information on American and World History as well as government and economics. The course primarily focuses on current events and recent historical events. Students use The World Today: Current Problems and Their Origins as a general text. Supplements include The New York Times Upfront news magazine for teens, newspaper articles, video presentation and op-ed editorials. Students are encouraged to participate in discussions, do individual research for their notebooks and work on group projects. Due to ever-changing subject matter, lessons may be altered as necessary. General topics include: Terrorism and International Security, Nuclear-Proliferation, Conflict and Growth in Asia, Africa in Crisis, War and Peace in the Middle East, and Human Rights Issues and Problems.

Introduction to Psychology (Grades 11,12)

Credit: 1/2
Semester: 1

This course is designed to introduce high school students to the science of human behavior and to help them gain a broad view of the study of various mental processes of human beings and other animals. Students will acquire knowledge of basic psychological principles, methods, and phenomena associated with each of the major fields of psychology. Students will also learn about the ethics and methods psychologists use in their practice and research. Nearly every higher level educational institution (community college or four year university) requires

students to take an *Introduction to Psychology* course regardless of major so this class is a great tool to prepare students for college.

You and the Law (Grades 11 and 12)

Credit: 1/2
Semester: 1

This course will provide students with an opportunity to examine aspects of and issues involving criminal law, civil and tort law, consumer protection laws, and family law. Students will increase their practical understanding of how these areas of law affect both individuals and society in general. As a result, students will be able to make increasingly informed judgments and decisions on issues and problems arising from the operation of the legal and justice systems.

MAHONING COUNTY C.T.C. MISSION STATEMENT

The mission of the Mahoning County Career & Technical Center School is to provide quality programs and services to meet the lifelong career education needs of Ohio's youth and adults as well as the ever-changing demands of the present and future workplace.

Mahoning County Career & Technical Programs

The Mahoning County CTC serves the students of Lowellville High School. MCCTC offers one and two year programs to prepare students for a minimum of an entry-level career upon graduation from high school. Students from Lowellville may attend the CTC as a part-time or full-time student. Part-time students attend career and technical labs only. Full time career students may earn up to seven and one-half credits per year at MCCTC and will graduate from Lowellville with career and technical certification from MCCTC.

Full-time career students, in addition to their career lab, will be scheduled into MCCTC academic classes. These classes meet the necessary junior/senior requirements for graduation. Besides offering rigorous academic programs, depending on the student's academic record, additional advanced academic options may be available through Tech Prep or Post Secondary Options.

The academic schedule is as follows. There are slight variations in program requirements depending on the career option:

<u>1st Year</u>		<u>2nd Year</u>	
Career Lab	3 ½ credits	Career Lab	3 ½ credits
• English 11	1.0 credits	English 12	1.0 credit
• Math	1.0 credit	Math	1.0 credit
• Science	1.0 credit	Science	1.0 credit
		Social Studies	1.0 credit

- English Options: College Prep 11 and College Prep 12
- Math Options: 2 levels of Algebra I, Algebra II, 2 levels of Geometry, and Pre-Calculus and Intermediate Algebra/Geometry and Computer Literacy
- Science Options: Energy Concepts I (Physical), Energy Concepts II (Biological), Biology, Anatomy & Physiology, Chemistry, Physics, Forensic Science, Astronomy
- Social Studies Options: World History, American History, Government, Economics (.5 credit), Geography (.5 credit), Sociology (.5 credit), Psychology (.5 credit)

College Tech Prep

College Tech Prep is a college preparatory program and not a traditional vocational education curriculum. Students get the same core academic courses (English, math and science) that a traditional college prep curriculum would offer. The College Tech Prep curriculum is sequenced to avoid duplication of course work from high school to college. Students make a smooth transition from high school into two and four-year college programs.

College Tech Prep technical courses are half-day and students earn three (3) credits each year. Students may take their college prep academic courses at their home school, where they can participate in sports, clubs and other activities. They earn their diploma and graduate from their home school and must meet the school's graduation requirements.

Admission to College Tech Prep

Admission to College Tech Prep is by application only. A counselor selection committee reviews all applications. The criteria are:

- 2.3 cumulative grade point average
- Successful completion of Algebra I
- Good attendance
- College prep curriculum
- Sufficient credits

Areas of Study

- | | |
|--------------------------|----------------------------------|
| 1. Biotechnology | 5. Information Support & Service |
| 2. Building Construction | 6. Interactive Multi-Media |
| 3. Engineering | 7. Information Technology |
| 4. Health | |