

INTRODUCTION

Streetsboro High School is a four-year comprehensive high school dedicated to meeting the needs of its students and providing them with the opportunity to obtain educational excellence. This Course Catalog provides each student with the necessary information to make wise choices for classes for the 2008-09 school year. Please read it carefully and ask questions when and where needed.

MISSION STATEMENT

The students of Streetsboro High School are encouraged to meet high expectations and to perform to the best of their abilities. Therefore, the mission of our school is to develop a program of improvement in which staff, administration, students, and the community jointly make decisions, define outcomes, and take actions to produce measurable results.

It is our goal to provide motivation for students to learn the skills necessary to succeed at the highest levels.

TIPS ON SELECTING COURSES

- Read this catalog thoroughly.
- Seek the advice of your parents, teachers, and counselors about course selection goals.
- Complete the subject selection sheet for the appropriate grade level.
- All students must sign up for a full schedule of courses.
- **Courses designated with an (*) require the signature of the current teacher in that subject area.**
- You and your parent **MUST** sign the subject selection sheet.
- **Completion of the subject selection sheet represents a commitment on your part. All course selections become final upon the submission of the completed selection sheet.**
- ***Current Course Fees*** are listed. Course fees will need to be adopted by the Board of Education and are subject to change.

SCHEDULE REVIEW

Schedule adjustments may be made for the following reasons:

1. A student needs a required subject for graduation.
2. An alternative course may be dropped if an original course selection becomes available.
3. A student has previously passed the course.
4. A student has not taken the required pre-requisite course.

Schedule changes can be made through June and once again during the Schedule Review days in August. The Schedule Review days will be on Thursday, August **14** for 11th and 12th Grades, and Friday, August **15** for 9th and 10th Grades.

POST SECONDARY (COLLEGE/TECHNICAL)

9th Grade:

1.0 English 9
1.0 Trans. Math or Algebra I or Geometry
1.0 Physical Science
1.0 Integrated Social Studies 9
0.5 Health
0.25 Physical Education
1.0 Foreign Language
2.0 Electives
7.75 Total

11th Grade:

1.0 English 11
1.0 Algebra II or Adv. Math
1.0 Chemistry
1.0 Integ Social Studies 11
1.0 Foreign Language
3.0 Electives
8.0 Total

10th Grade:

1.0 English 10
1.0 Biology
1.0 Geometry or Algebra I or II
1.0 Integ. Social Studies 10
0.25 Physical Education
1.0 Foreign Language
2.5 Electives
7.75 Total

12th Grade:

1.0 English 12
1.0 Adv Math or AP Calculus
1.0 Anatomy or Physics
1.0 American Government
4.0 Electives
8.0 Total

VOCATIONAL

9th Grade:

1.0 English 9
1.0 Trans. Math or Algebra I or Geometry
1.0 Physical Science
1.0 Integrated Social Studies 9
0.5 Health
0.25 Physical Education
3.0 Electives
7.75 Total

11th Grade:

1.0 English 11
1.0 Math or Science
1.0 Social Studies
3.0 Vocational Program
6.0 Total

10th Grade:

1.0 English 10
1.0 Geometry or Algebra I or II
1.0 Biology
1.0 Integ Social Studies 10
0.25 Physical Education
3.5 Electives
7.75 Total

12th Grade:

1.0 English 12
1.0 Government
1.0 Math or Science Vocational Prog.
3.0 Vocational Program
6.0 Total

WAIVER OF CREDIT FOR MAPLEWOOD: 1 CREDIT MATH, 1 CREDIT SCIENCE

GENERAL INFORMATION

REQUIREMENTS FOR GRADUATION:

The unit of credit assigned to a particular subject is determined by the State Board of Education or the Streetsboro Board of Education based upon the number of hours a class meets and the amount of outside preparation.

SPECIFIC SUBJECT REQUIREMENTS:

The following units are required for graduation from Streetsboro High School. These are minimum requirements.

English	4 credits
Mathematics	4 credits
Science	4 credits
Social Studies	4 credits
Physical Education	½ credit
Health	½ credit
Electives	<u>8 credits</u>
Total	25 credits

Maplewood requirement: 23 credits (3 Math + 3 Science)

GRADE PROMOTION:

To be promoted to:

Grade 10	6.0 credits
Grade 11	12.0 credits
Grade 12	18.0 credits

Special Note: It is the policy of SHS that a student is limited in taking a course only TWICE. If not successful, the student must make other arrangements to gain that credit. Other options include Night School, Summer School, or an approved correspondence course.

THE MINIMUM CORE FOR COLLEGE PREPARATION IN OHIO

English: 4 units
Math: 3 units
Science: 3 units
Social Studies: 4 units
Foreign Language: 2 units of one foreign Language
Fine Arts: 1 unit

Some programs may require more extensive preparation in specific subject areas. Check with the Guidance Department and the University of your choice for additional information.

Students not meeting the above recommendations may be accepted on a conditional basis. Conditional students may be required to take additional entrance tests and developmental courses (high school level courses taught at college) at the expense of the students. Usually developmental courses will not be credited toward a college degree.

Rigorous coursework pays off! Preparation counts! This is the foundation for securing the highest possible ACT and/or SAT score and having a greater chance for success in college.

QUALITY POINT AVERAGE

The quality point average is determined each semester from the average of grades earned in all subjects. It is accumulated from year to year so that the final quality point average is determined by computing the average of the grades earned in all subjects taken in grades 9-12.

HOW TO CALCULATE GRADE PONT AVERAGES

<u>GRADES</u>	<u>QUALITY POINTS</u>
A	4
B	3
C	2
D	1
F	0

EXAMPLE:

<u>SUBJECT</u>	<u>GRADE</u>	<u>GRADE VALUE x</u> <u>Course CREDIT</u>	<u>QUALITY</u> <u>POINTS</u>
English	A	4 x 1	4.0
Math	B	3 x 1	3.0
History	C	2 x 1	2.0
Physical Education	D	1 x .25	<u>0.25</u>
			9.25
9.25 divided by 3.25 = 2.84 Average			

HONOR ROLL:

The Honor Roll is published each grading period. Students with an average of 4.0 qualify for the Excellence Roll. Students with an average of 3.5 to 3.9 qualify for the High Honor Roll, and students with a 3.0 to 3.4 average qualify for the Merit Roll.

CLASS RANK:

The rank in a class is a student's numerical standing as determined by his/her cumulative grade point average at the end of each semester. Students are ranked from the highest (4.0) to the lowest

CRITERIA FOR DIPLOMA WITH HONORS

Depending on whether a student is completing a college preparatory or career-technical education curriculum, honors diploma requirements differ slightly. The student must meet the requirements for the regular diploma plus criteria for honors listed below.

The student who completes the college preparatory curriculum in high school must meet any eight of the following nine criteria:

- a. four units of English
- b. three units of mathematics that include Algebra I, Algebra II, and Geometry or complete a three-year sequence of courses that contain equivalent content
- c. at least three units of science that include instructional emphasis on the physical, life and earth and space sciences
- d. three units of social studies
- e. either three units of one foreign language or two units each of two foreign languages
- f. one unit of fine arts
- g. either one unit of business/technology and two additional units in (a) through (f) above or earn three additional units, in (a) through (f) above
- h. maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year
- i. obtain a composite score of 27 on the ACT tests or an equivalent composite score on the SAT.

The student who completes an intensive career-technical education curriculum in the high school must meet any nine of the following ten criteria:

- a. four units of English which may include one unit of applied communication
- b. three units of mathematics which should include Algebra and Geometry or a sequence of courses that contain equivalent content
- c. three units of science that develop concepts for physical, life and earth and space sciences
- d. three units of social studies
- e. two units of a foreign language; or two units of business/technology; or one unit of each
- f. three units in the student's career-technical education curriculum
- g. two additional units in (a) through (f) above, or in fine arts
- h. maintain an overall high school grade point average of at least a 3.5 on a 4.0 point scale up to the last grading period of the senior year
- i. complete a career passport that reflects achievement of the occupational proficiency benchmark established for the Ohio Vocational Competency Assessment or the equivalent
- j. obtain a composite score of 27 on the ACT tests or an equivalent composite score on the SAT.

COLLEGE INFORMATION

College and Scholarship Applications

Most college and scholarship applications require various documents and recommendations from the guidance department. Recommendations require information about a student's academic and personal qualities.

In order for the guidance counselor and/or teachers to write a strong recommendation, sufficient time must be allowed to gain this information. A personal interview is often scheduled with the student to discuss school and community accomplishments. Students should not wait until the last minute. A **minimum of three weeks** is required before the application deadline for the Guidance Department and teachers to complete all forms and letters of recommendation.

Post-Secondary Enrollment Options Programs

Ohio's Post-Secondary Enrollment Options Program (PSEOP) allows 9th through 12th grade students to enroll full or part-time at approved public colleges, universities, or technical schools. When enrolled in this program students may obtain high school credit and college credit simultaneously. The post-secondary institutions require students to meet admission requirements that may include prerequisite courses and specified scores on the ACT or SAT. The post-secondary institutions determine acceptance.

The Guidance Department will provide information about PSEOP to students and parents by March 1. The state of Ohio mandates that any student planning to participate in this program **must** return the Intent to Participate Form to the guidance office by **March 30.** This ensures that students have ample time to receive state-required information and counseling at the high school to meet the application deadlines.

BUSINESS

Computers.com (9-12)

1 credit

No Fee

Students will learn about software programs and packages that are used in the marketplace today. They will learn how to apply software in the areas of business presentations, reports, memos, letters, website layouts, greeting cards, business cards, resumes, and other applications used in the business world. They will see how computers have changed the business world, the ethics of computer technology, and the future of computer development. They will prepare for the International Computer Driver's License Certification and have a working understanding of general business communications.

Advanced Computers.com (10-12)

½ credit

No Fee

Pre-requisite: Computers.com

Students that want to go beyond what they learned in Computers.com will take this course to provide them with the necessary tools needed for advanced high school and college communications. Students that complete this course will be fully prepared for the ICDL (Computer Driver's License).

Accounting I (10-12)

1 credit

No Fee

This course covers the entire cycle of bookkeeping operations. It provides an excellent orientation to business operations and procedures as well as practice on family budgeting and bookkeeping. It also helps prepare the student for additional accounting study.

Accounting II (11-12)

1 credit

No Fee

Pre-requisite: Accounting I

This course, an extension of Accounting I, starts with a review of Accounting I. It then goes into more depth in accounting areas such as payroll accounting, accounting systems, cost accounting, and management use of accounting data. It is recommended for students who are planning to go into an accounting or management career or who plan to attend college.

General Business (9-12)

½ credit

No Fee

Students will learn about general business information as interest rates, credit cards, savings accounts, insurance, etc. This course will gear students towards a better economic life.

Advertising/Marketing (10-12)

½ credit

No Fee

Students will learn marketing and advertising strategies. They will create a product or business and develop strategies to promote their business or sell their product.

Personal Finance (11-12)

½ credit

No Fee

Students will be introduced to a variety of investment options. Topics studied will include stocks, bonds, mutual funds, etc. They will participate in an internet stock simulator.

Web Page Dev & the Internet (10-12)

1 credit

No Fee

Students learn to develop and design Web Pages using HTML. This course is an introduction to computer programming language. It is geared toward those students that want to continue in the direction of computer programming.

ENGLISH/JOURNALISM

English 9

1 credit

No Fee

Literature, composition, and vocabulary are emphasized in this course. A major emphasis is on writing, including creative projects, analysis, and essays. Also emphasized will be the study skills the student will need to be successful in high school and beyond, including use of the library and research skills.

Accelerated English 9

1 credit

No Fee

Pre-requisite: Current English teacher recommendation

Literature, composition, and vocabulary are emphasized in this course for the college bound student. A major emphasis will be on writing, including analysis, essays, and creative assignments. Various genres of literature, including short stories, novels, poetry, plays and essays will be read and studied. Also emphasized will be the study skills the student will need to be successful in high school, college, and beyond, including the use of the library and research skills.

Honors English 9

1 credit

No Fee

Students must meet one of the following criteria to be invited into this class:

- 1. A composite score of 127 or above on the (COGAT) or equivalent.*
- 2. A final average grade of 95% or above in Eighth Grade English and current English Teacher recommendation.*

Literature, composition, and vocabulary are emphasized in this course for the gifted and college bound student. Composition will be emphasized as well as a survey of literature.

English 10

1 credit

No Fee

Plays, poems, and short stories are analyzed in this course. A major emphasis is on writing, both literary analysis and essays of opinion. Grammar and the mechanics of writing are reviewed, and a research paper is required.

Accelerated English 10

1 credit

No Fee

Pre-requisite: Current English teacher recommendation

Various genres of literature, including short stories, novels, poetry, plays, and essays, are studied in depth in this course for the college-bound student. A major emphasis will be on writing, specifically literary analysis. A research paper is required.

Honors English 10

1 credit

No Fee

Pre-requisite: Current English teacher recommendation

Historical fiction and non-fiction pieces are explored in order to "bring to life" and fuse the study of world history and language arts for the highly motivated, college-bound student. Students will read, analyze, and create pieces of expository, persuasive, personal narrative, and satirical writings in order to gain a deeper understanding of the historical time periods of 1920 to the present.

ENGLISH/JOURNALISM (Cont.)

English 11

1 credit

No Fee

The various genres of American literature will be studied in a class designed to prepare students for post-secondary education. Research and library skills will be utilized in the writing of a research paper. The language arts skills of reading, writing, speaking, and listening will be utilized in literary analysis and original student writing.

Accelerated English 11

1 credit

No Fee

Pre-requisite: Recommendation of the current English teacher

American literature, including major genres of fiction and non-fiction, is studied in depth in this course for the highly motivated, college-bound student. Students will participate in literary analysis and interpretation of literature. They will reinforce their previously learned research and communication skills, culminating in the writing of major research and literary analysis projects.

Honors English 11

1 credit

No Fee

Pre-requisite: Teacher Recommendation of the current English teacher.

This is a fast-paced total Language Arts course designed for those individuals who are willing to apply what was learned in the prior ninth and tenth grade courses to prepare them for the Advanced Placement classes in the future. The focus of this course will be to use acceptable literary research techniques to complete major projects. Several novels will be read and analyzed. Summer reading is required.

English 12

1 credit

No Fee

Students will explore world literature and English literature primarily. They will develop compositions and writings based on the literature and personal experiences. This course is designed to help students be lifelong readers and writers so they can take the skills learned in English class into the working world or college.

Accelerated English 12

1 credit

No Fee

Pre-requisite: Recommendation of the current English teacher

This course offers an in-depth examination of literature, including novels and plays. Students will study English literature and world literature. They will write various compositions, and writings. An emphasis on college preparation is built into the coursework.

A.P. English Literature & Composition 12

1 credit

No Fee

Pre-requisite: Honors English 11 and the recommendation of the current English teacher

Advanced Placement English offers students a college level curriculum to prepare them for college. They have the option of taking two AP English Exams to earn college credit. The course focuses on literary analysis, argumentation, research, and advanced reading skills of literature and non-fiction. Summer reading is required.

Creative Writing I (11-12)

½ credit

No Fee

Pre-requisite: English 10

This course is highly recommended for students who want the experience of writing original work in a variety of structures and styles. Poems, plays, short stories, song

ENGLISH/JOURNALISM (Cont.)

lyrics, and other genres will be attempted. Popular authors and their works will be studied and used as models. The course is recommended for anyone with thoughts of a writing career in mind, as well as students who enjoy reading and writing.

Creative Writing II (11-12)

½ credit

No Fee

Pre-requisite: Creative Writing I

Among the class activities are coordinating the school literary magazine and exploring genres of writing, including writing for television, the Internet and the movies.

Journalism I (10-12)

½ credit

No Fee

Basic introduction in newspaper writing is offered in this course. Students will study general journalistic terms, media law, and all forms of journalistic writing including sports, editorials, news and features. Style and principles of journalistic grammar will be introduced. Prospective students should have a confident grasp on English grammar and should enjoy writing. Students in Journalism I are trained to be future writers for the *Orbiter*, the student newspaper of Streetsboro High School, and may have their best work published.

Advanced Journalism (10-12)

½ credit

No Fee

Pre-requisite: Journalism I

This course can be taken more than once but only with teacher permission. Using the knowledge from Journalism I, students write news and sports stories, editorials and features for the *Orbiter*, the student newspaper of Streetsboro High School. Some students assume specialized editor responsibilities. Students will learn advanced newspaper layout on the computer, learn concepts of photojournalism, and will be responsible for shooting photos using digital cameras. Aside from learning the Pagemaker design program, students will utilize the photo-doctoring program, Adobe Photoshop. Through this program, they will learn how to alter and enhance their own photos and prepare them for publication. For the final project, each student will produce his/her own four-page newspaper.

Yearbook (11-12)

1 credit

No Fee

Pre-requisite: Passing grade in Desktop Publishing + teacher permission.

This course may be taken more than once. This course will include all facets of yearbook production, from theme development to photography to page layout. Students will learn how to create a 144 to 160 page yearbook with consistent thematic and visual features. They will learn how to plan layouts and design pages using specialized yearbook software on computers. Students will learn the concepts of photography and will be expected to shoot their own photos for the yearbook. They will also learn how to promote, design, and sell advertising to senior parents and local businesses.

Desktop Publishing I (10-12)

½ credit

No Fee

Students will learn the concepts of aesthetic visual design using a computer. They will learn how to use Adobe PageMaker, and will apply their design skills to creative projects. Students will use clip art, scanners, digital cameras and basic image manipulation techniques to enhance their graphic design masterpieces. Class projects

ENGLISH/JOURNALISM (Cont.)

will be determined by the needs of the high school and could include tickets, cards, musical promotion material, invitations, flyers, schedules and programs. Minimal computer ability needed.

Advanced Desktop Publishing (10-12) ½ credit No Fee

Pre-requisite: Desktop Publishing I

Skills to merge photos of you and a significant other into a hilarious photo album, just like Kate Hudson did in the movie, "How to Lose a Guy in 10 Days," are among those that students will acquire in this class. Such exciting and innovative photo enhancing and manipulation opportunities are the focus of this class, which challenges students to expand their knowledge and skills from Desktop I. All projects are created in Adobe Pagemaker and Photoshop programs.

Intro to Public Speaking (9-12) ½ credit No Fee

Nearly everybody has to do a classroom presentation at one time or another, oftentimes for a grade. So, how do you do it and make it effective and interesting for those who are watching and listening? In this class you will learn proper techniques for speaking in front of groups, either in class or outside of school. You will learn how to put together an effective PowerPoint slide show, how to present using posters, and what to do with objects you want to share with the group.

Theatrical Literature (9-12) ½ credit No Fee

The students will read, view, and perform a number of plays, screenplays, and teleplays. Contemporary pieces, such as Frank Darabont's *The Shawshank Redemption*, are the focus; but classic stories like George Seaton's *Miracle on 34th Street* are examined as well. An emphasis is placed on participation via discussion. In addition, improvisational exercises (like *Whose Line Is It Anyway?*) are a major component of the class.

Lyrical Poetry/Songwriting (9-12) ½ credit No Fee

*Pre-requisite: Students must play an instrument relevant to pop music (guitar, piano, bass, drums, etc.) or have a strong desire to learn **and/or** be willing to sing.*

Students will analyze the works of successful lyricists, past and present, including an in-depth study of literary devices. Students are taught music theory while learning to play the piano and/or guitar, and then work collaboratively with their classmates to write songs. Finally, students learn to use technology to digitally record their original material.

Teen Lit (10-12) ½ credit No Fee

Reading can and should be a fun and entertaining activity. Reading helps to build vocabulary and has a direct link to improved writing skills. Teen Lit will show students that reading is not an activity to be dreaded, but rather one to which to look forward. This class will select from an extensive list of contemporary and classic books. Activities associated with the reading will be non-intrusive and designed to encourage understanding as well as good reading habits long after high school.

FAMILY & CONSUMER SCIENCE

Life Planning (9-12)

½ credit

No Fee

This course will include units on establishing a lifelong career planning process, coordinating personal and career responsibilities, setting goals, and developing a life management plan. It will also cover units on the importance of financial planning such as budgeting, saving, investing, using credit wisely, and insurance needs.

Personal Development (9-10)

½ credit

Fee: \$8.00

This course will help students to enhance personal development of self and others. It will also help them to develop self esteem, manage stressful situations, formulate a plan to achieve career goals, form healthy relationships with peers, manage conflict, time management, and learn basic cooking skills. The Personal Development course is recommended for all freshmen and sophomore students.

Family Living (10-12)

1 credit

Fee: \$8.00

This course covers units on dating, marriage, family relations, teenage pregnancy, prenatal development, child development, guiding and disciplining children, positive parent/child relationships, and child abuse. Special projects will include a computer baby simulation, as well as a class period spent teaching and interacting with young children.

Foods and Fitness (10-12)

1 credit

Fee: \$22.00

This course will include units such as cooking techniques, measurement, kitchen safety and sanitation, as well as the planning, preparation and meal serving. It will emphasize staying active and managing weight, making healthful food choices, and outdoor walking. It will cover such topics such as eating disorders, substance abuse, budgeting, and include many fun projects.

Global Cuisine (11-12)

½ credit

Fee: \$15.00

Pre-requisite: Foods and Fitness

Have you ever traveled to Mexico, Spain, Greece or Italy? If not, this course is for you! Students will explore different cultures through cooking delicious ethnic foods and completing research projects. This course is a multicultural experience. Students will learn facts, demographics, clothing and customs of foreign countries and U.S. regions. They will cook a variety of ethnic foods and try many new and different dishes. This course will allow students to have a greater understanding of the world around them.

Fashion and Design (10-12)

½ credit

Fee: \$5.00

This course explores topics in fashion and interior design. Students will learn basic principles and elements of design. They will have the opportunity to create unique projects and learn how to dress for success and to use color to their advantage.

FINE ARTS

Art I (9-12) ½ credit Fee: \$20.00
This course will introduce the basic elements and principles of design: line, shape, space, form, texture, color, and values. Basic understanding of these elements will aid in creative expression and visual design. Drawing, painting, graphic design, collage, art history and art criticism will be covered. Materials will include pencil, ink, charcoal, pastels, mixed-media and paint. Art I gives the student basic drawing and design skills needed in all other art classes offered.

Art II (9-12) ½ credit Fee: \$20.00
Pre-requisite: Art I
This course will further examine the art elements and principles, with a continuation of drawing, graphic design, art history, art criticism, and sculpture. Painting basics and skills will be covered as well as a study of famous artists past and present.

Art III (10-12) ½ credit Fee: \$20.00
Pre-requisite: Art II
This course further investigates more advanced drawing, painting, sculpture, print making, art history and art criticism with more refinement of art skills. Different art career opportunities will be covered and the class will go on a field trip to an art museum. A final project is developed from the student's individual investigation and personal expressive approach.

Art IV (10-12) ½ credit Fee: \$20.00
Pre-requisite: Art III
This course continues study in the Fine Arts with more emphasis given to originality, experimentation and individualized creative expression in art works. Portfolio development will be introduced where bodies of work can be developed in terms of recurring themes, images, styles and/or medias or technologies. Exploring current events in art and the nature and meaning of the arts will also be examined.

Art V (11-12) ½ credit Fee: \$20.00
Pre-requisite: Art IV
This class has the student developing a portfolio of artwork that visually presents his/her individual achievements, expertise, and style. Although certain guidelines exist for developing portfolios, the content remains unique to each individual. Class assignments will be given but each student will, after some consideration, develop a target area of concentration and then develop and produce projects according to his/her investigations. The course includes, but is not limited to, drawing, painting, graphic design, illustration, art history, sculpture, ceramics, and computer art.

Crafts I (9-12) ½ credit Fee: \$20.00
This course is an introduction to the tradition of crafts of many cultures. Crafts, such as ceramics, jewelry making, fiber art, printing, sculpture, and book making may be covered as well as art criticism and study of multi-cultural arts and crafts.

FINE ARTS (Cont.)

Mixed Chorus (9-12)

1 credit

Fee: \$10.00

Pre-requisite: Students must be able to match pitch during an audition for teacher permission.

This course provides the opportunity to learn vocal techniques in a large three-part choral setting, familiarizing the student with excellent choral literature, thus enhancing the student's understanding and appreciation of music. Interested students need to schedule an audition with the director. Students are required to attend all performances. Grades are based on individual student improvement and achievement in the areas of proper vocal development of music skills and being a responsible and contributing member of chorus daily.

Treble Ensemble (10-12)

1 credit

Fee: \$10.00

Pre-requisite: This class is open to all upper class females interested in singing, who have been productive choir members + teacher permission.

Students are required to attend all performances. Grades are based on individual student improvement and achievement in the areas of proper vocal development of music skills and being a responsible and contributing member of chorus daily.

High School Band 1-2 credits

Fee: \$12.00 /Sem.

The Streetsboro High School Band is open to all brass, woodwind, and percussion students, grades 9-12. During the fall of the year, the emphasis is on marching band, with the remainder of the year focusing on the concert band. As a prerequisite of the course, ***ALL Fall BAND STUDENTS MUST ATTEND ALL SUMMER REHEARSALS AND BAND CAMP.*** The Streetsboro High School Marching Rockets focus on the development of the marching and playing skills needed in the execution of the varied styles of shows presented each week during the football season. During a typical season the Marching Rockets will perform at 10 football games, 4 band shows, plus other performances as added by the Director. Attendance at all rehearsals and performances is a requirement of the course.

Majorettes and Flag Corps members fall under Fall Band for course credit. Instructional workshops will be held before tryouts. Any person presently enrolled, requesting Band for next year and currently in grades 8-11 may try out. The number of members selected will be determined by the Director, which is dependent on the size of the Marching Band. All Majorettes and Flags are required to attend summer practice and Band Camp with Band members in August.

Symphonic Band begins in November immediately after the conclusion of the football activities. Activities include the following: 3 concerts (December, March, May), solo and ensemble contest, commencement exercise activities, and the Memorial Day Parade. Attendance at all rehearsals and performances is a requirement of the course.

Instrumental music plays an important part in the activities of Streetsboro High school. Students may elect to take Band all year long or for either the first or second semester. Credit will be issued by the semester.

FINE ARTS (Cont.)

Music Theory (11-12)

1 credit

No Fee

Pre-requisite: Membership in an SHS instrumental or vocal ensemble + Permission of the teacher

Students will learn fundamentals of music theory and be able to analyze and observe these fundamentals in musical examples (rhythms, pitches, clefs, scale constructs, key signatures, circle of fifths, intervals, triads, inversions, cadences, chord progressions, etc.). Students will understand basic principles of analyzation, simple transposition, and orchestration practices. They will demonstrate this knowledge through actual applications, i.e., transpositions for brass quartets, arrangements for woodwind ensembles, modal melodies, and melodic dictation of single line melodies.

American Popular Music (11-12)

1 credit

No Fee

The purpose of this class is to learn about the socio-cultural parameters, aesthetic perimeters, and economic principles of popular music in America from the beginning of the 20th century through today. This class looks at many different styles of music in America that developed throughout the past 100 years. This will include the development of Tin Pan Alley, Ragtime, Big Bands, Rhythm and Blues, Rock and Roll, Motown, New Age, Heavy Metal, Reggae, Hip-hop, and Rap.

Broadcast Arts I / Intro to Radio (10-12)

½ credit

No Fee

This nine-week course offers students an overview of radio broadcasting. Course content includes studying FCC broadcast rules and regulations, radio sales and marketing, weather, and the development of broadcasting and popular music in America. Students must qualify from this course to be considered for Broadcast Arts II which is the operation of WSTB-FM, the school owned and operated 1,000 watt broadcast radio station.

Broadcast Arts II/WSTB-FM Radio Staff (11-12)

2 credits

Full Year

No Fee

Maximum of ½ credit per quarter for each quarter available

Pre-requisite: Broadcast Arts I and recommendation by the instructor.

Students selected for this program will serve as the staff of WSTB-FM, the school owned and operated 1,000 watt broadcast radio station. Experiences in this program include being an on-air disc jockey and possibly being selected as part of the station management.

TV / Film Literacy (10-12)

½ credit

No Fee

Students enrolled in this class will view a variety of films and television shows. They will analyze the content and the manipulative effects of these shows particularly in conjunction with the use of such elements as color, lighting, editing, movement, sound and composition. Students will also view and compare styles and techniques used in modern film to those used in older classic films and shows.

Introduction to TV (10-12)

½ credit

No Fee

This class serves as a pre-requisite for the Morning Announcement Class. It is a team taught class in which students learn the technical aspects of video production and participate in group dynamic activities. Skills that are acquired will be used to produce a "Focus" program that will air on Channel 16.

FINE ARTS (Cont.)

Morning Announcement Class (11-12) 1 credit No Fee

Pre-requisite: Introduction to TV or TV Production I + Teacher recommendation

The primary emphasis of this course is to produce a daily morning announcement program that will air to the high school and be replayed on cable Channel 16 to the community. Outside class time is required to cover certain school events.

TV Production I (10-12) ½ credit \$5.00 Fee

This class serves as a pre-requisite for the Morning Announcement class. Students learn the fundamental skills required to operate digital video equipment while producing short video projects. Non-linear editing is stressed using the Media 100 and iMovie editing systems. (There is a \$5 fee for the purchase of a mini-DV videotape.)

TV Production II (11-12) 1 credit \$5.00 Fee

Pre-requisite: TV Production I + Teacher recommendation

This class serves as a pre-requisite for Channel 16 operations. The students will explore the creative process of video production as they create programming to be aired on Channel 16. The primary function of this course is to record events that occur within the Streetsboro City School District, both during the school day and after. Outside class time is required and counted in the grading procedure. Projects may include recording sports events, concerts, and any other pertinent material that is school related. (There is a \$5 fee for the purchase of a mini-DV videotape.)

TV Channel 16 Operations (Gr. 12 Only) 2 credits Full Year No Fee

Pre-requisite: TV Production II and selection by the instructor

Students selected for this program will serve as the staff for cable Channel 16, the Streetsboro education channel. They will be responsible for updating all information on the channel while performing programming, editing, and recording events as needed.

FOREIGN LANGUAGE

French I (9-12)

1 credit

No Fee

Pre-requisite: A "C" or better in English is recommended if a student wishes to sign up for this course + Teacher recommendation.

This course gives the student the basic structure of the language with emphasis on oral skills, pronunciation, grammatical concepts, and building a vocabulary needed for conversation. Cultural differences and similarities will also be discussed. Emphasis is on communication and participation.

French II (10-12)

1 credit

No Fee

Pre-requisite: A "C" or better in French I + Teacher recommendation.

This course is a continuation of French I and stresses grammar, pronunciation, and vocabulary. It attempts to develop the student's confidence and ability in the four basic skills of understanding, speaking, reading, and writing French. French cultures and customs are also discussed. Emphasis is on communication and participation.

French III (11-12)

1 credit

No Fee

Pre-requisite: A "C" or better in French II + Teacher recommendation.

This course continues the development of the four basic skills, but there is a definite emphasis on learning to express oneself with some fluency in the language. Short stories, culture, grammar, writing, exercises in listening, and oral discussions are the major areas of study. A variety of activities that promote both learning and application of the language to increase proficiency will be used.

Advanced French (11-12)

1 credit

No Fee

Pre-requisite: Teacher recommendation

Emphasis is on communications with periodic assessments to determine development of language skills. Topics in art, history and literature to be studied will be decided with student input. A short novel, *Le Petit Prince* will be read. Emphasis is on participation, development of the four skills (reading, listening, writing and speaking) and preparation for college-level language classes.

FOREIGN LANGUAGE (Cont.)

Spanish I (9-12)

1 credit

No Fee

Pre-requisite: A "C" or better in English is advised if a student wishes to sign up for this course + Teacher recommendation.

This course gives the student the basic structure of the language with emphasis on oral skills, pronunciation, grammatical concepts, and building a vocabulary needed for conversation. Cultural differences and similarities will also be discussed. Emphasis is on communication and participation.

Spanish II (10-12)

1 credit

No Fee

Pre-requisite: A "C" or better in Spanish I + Teacher recommendation.

This course is a continuation of Spanish I and stresses grammar, pronunciation, and vocabulary. It attempts to develop the student's confidence and ability in the four basic skills of understanding, speaking, reading, and writing Spanish. Hispanic cultures and customs are also discussed. Emphasis is on communication and participation.

Spanish III (11-12)

1 credit

No Fee

Pre-requisite: A "C" or better in Spanish II + Teacher recommendation.

This course continues the development of the four basic skills, but there is a definite emphasis on learning to express oneself with some fluency in the language. Short stories, culture, grammar, writing, exercises in listening, and oral discussions are the major areas of study. A variety of activities that promote both learning and application of the language to increase proficiency will be used.

Spanish IV (Advanced) (11-12)

1 credit

No Fee

Pre-requisite: A "C" or better in Spanish III + Teacher recommendation.

Classical literature, art, and culture will be studied. Special emphasis will be given to listening skills and speaking proficiency as well as reading and writing skills in preparation for college-level language courses.

HEALTH AND PHYSICAL EDUCATION

Physical Education (9-12)

¼ credit

No Fee

This course will be specifically designed to help the student understand how to become physically fit for a lifetime. This will include becoming familiar with the five components of health related fitness; as well as sports that the student can do for a lifetime.

Health (9-10)

½ credit

No Fee

This course is designed to acquaint the student with the functioning of the body and what affects it. This includes communicable diseases, alcohol, drugs, tobacco, body systems, and decision-making. Necessities for maintaining a healthy body, such as vitamins and exercise, are also covered. A heavy emphasis is placed on making healthy choices.

Weight Training (11-12)

¼ credit

No Fee

This course involves an introduction to various lifting techniques and theories including universal, nautilus, and free weight training. Participants will be tested in various areas of body strength and will set up an individualized workout in an attempt to make improvements and reach predetermined goals.

INDUSTRIAL TECHNOLOGY

Technology Education (9 Only) 1 credit Fee \$24.00
This course offers an introduction to drafting, woodworking and problem solving projects. Problem solving activities will include CO² cars, model rockets, the mousetrap car race and bridge building contest.

Engineering & Drafting Tech (10-12) ½ credit Fee \$15.00
Students involved in this course will be introduced to basic drafting techniques. Students will be involved with orthographic projection as well as isometric and perspective drawings. Students will also be introduced to Auto CAD RELEASE 12 and be required to generate and plot a drawing using this system.

Woods Technology I (10-12) ½ credit Fee \$12.00
This course acquaints students with woods and their characteristics. It teaches the fundamentals of working efficiently and safely with hand and power tools. The course provides exploratory experiences which give students insight into major areas of woodworking, including furniture, cabinetwork, and wood finishing.

Woods Technology II (10-12) ½ credit Fee \$12.00
Pre-requisite: Woods Technology I
This course helps the students to understand and appreciate the vast manufacturing complex of woodworking. Furniture construction and cabinetwork are essential parts of this course.

ANCILLARY ELECTIVES

School-to-Work (12) ½ credit No Fee
This course provides an opportunity for the student to explore a career field that he/she has an interest in pursuing. The student will do a career internship for one or two nine-week periods. To take this course, the student must have the approval of the Guidance Department, write a proposal, and find an advisor.

Office Aide (11-12) ¼ credit No Fee
This course is to assist in the Main Office, the Attendance Office, or in a classroom. Requirements are a 2.50 cumulative GPA and no course failures. A student will be allowed to take this course only one nine weeks during the junior year and one nine weeks during the senior year. Students not meeting the above requirements will be considered by the Administration on an individual basis.

Transitional Occupation Experience (12) 4 credits maximum No Fee
Transitional Occupation Experience (TOE) is a work study program designed specifically for Seniors who need limited credits to graduate and would like to transition from the high school classes during the first half of the school day into the world of work in the community during the afternoons. This program will not be possible for those students that need more than three core courses to graduate.

MATHEMATICS

Transition Math (9)

1 credit

No Fee

This course is designed to assist students in preparing for Algebra I and other academic math courses. Transition math begins with an extensive review of the four basic operations with integers, fractions, and decimals. It continues with a review of ratios, proportion, and the use of formulas. Basic concepts of Algebra are introduced throughout the course. **To successfully complete the class it will be necessary to take notes, read the text, and complete all homework assignments on time. An OGT or equivalent calculator is required.**

Algebra I (9-12)

1 credit

No Fee

Pre-requisite: Transition Math

This course implements the shift from manipulative skills to Algebra as a means of representation. Students explore the language of Algebra in verbal, tabular, graphical, and symbolic forms. Problem-solving activities and applications encourage students to model patterns and relationships with variables and functions. Algebra I is taught at the level required for the new O.G.T. Below are the topics that are taught:

- 1) Sign numbers
- 2) Laws of exponents
- 3) Absolute value
- 4) Systems of equation
- 5) Roots
- 6) Polynomials
- 7) Factoring
- 8) Unions and intersections
- 9) Application problem
- 10) Modeling

An OGT or equivalent calculator is required.

Geometry (9-12)

1 credit

No Fee

Pre-requisite: Algebra I

This course aims to teach logical thinking. It deals with the study of points, lines, angles, polygons, measurement formulas, 3-dimensional formulas, congruence, and similarity. It encompasses its close relationship with Algebra by using coordinate and algebraic means to verify the synthetic representations. Students use algebraic tools to verify properties of figures presented on a coordinate plane. Compass, straightedge, and protractor are tools students will use during the course. Use of geometry in today's world will be discussed. **An OGT or equivalent calculator is required.**

Honors Geometry (9)

1 credit

No Fee

Pre-requisite: Honors Algebra I or an "A" in Algebra I + Teacher Recommendation

This course is designed to expand the topics covered in the basic course. Other topics that will be included are indirect proof, conic sections and vectors. Graphing calculators will be more prevalent than in the basic course. Transformations, coordinate geometry, proofs, and construction will be stressed throughout the course. **An OGT or equivalent calculator is required.**

MATHEMATICS (Cont.)

Math Standards (11-12) 1 credit No Fee

Pre-requisite: Geometry + counselor recommendation

The Math Standards course is for those students who need improvement on their math skills and/or want help to pass the state required OGT Math test. In addition, it will provide support for students on math concepts for courses that they have not taken.

An OGT or equivalent calculator is required.

Algebra II (10-12) 1 credit No Fee

Pre-requisite: Geometry + Teacher recommendation.

Algebra II is a brief review of the concepts learned in Algebra I, followed by work with exponents, graphing, solving equations, factoring, systems of equations, radical expressions, imaginary numbers, and an introduction to exponential and logarithmic functions. All of the previously mentioned topics will be related to **application** problems found in advanced mathematics, chemistry, and physics. The **TI 83 Plus or TI 84 Plus Silver edition** or equivalent calculator **is required.**

Honors Algebra II (10-12) 1 credit No Fee

Pre-requisite: Honors Geometry or an "A" in Geometry + Teacher recommendation

This course extends the scope and sequence of the regular Algebra II course. Being that the pace of instruction is quicker, the students will deal with a greater number of concepts presented in an abstract format. The utilization of technology (TI-83 and the Smart Board) creates a situation in which interesting, relevant and exciting topics can be pursued. The **TI 83 Plus or TI 84 Silver Edition** or equivalent calculator **is required.**

Advanced Math (11-12) 1 credit No Fee

Pre-requisite: Algebra II + Teacher recommendation

Advanced Math incorporates the concepts of trigonometry and advanced algebra. Trigonometry aims to develop mathematical competence in two areas: the study of triangles and the development of the analytic properties and relationships of the trigonometric function. Trigonometry is quite different from Algebra or Geometry even though a good background in each is required. The course presents the six trig functions and their interrelationships. **To successfully complete the class it will be necessary to take notes, keep a notebook, read the textbook, and complete all homework assignments on time.** Advanced Algebra includes topics from analytic geometry. The purpose of this course is to offer a background for Calculus in college. The **TI 83 Plus, TI 84 Silver Edition** or equivalent calculator **is required.**

Honors Advanced Math (11-12) 1 credit No Fee

Pre-requisite: Honors Algebra II + Teacher recommendation

Honors Advanced Math will build upon those topics of Trig introduced in Honors Algebra II. The pace will be fast and remediation limited. H.A.M. will cover all topics of Advanced Math and also: mathematical induction, binomial expansion, conic sections, sequences and series, summation notation, graphing in both the rectangular and polar systems with conversion between the two systems. Good attendance and study skills are essential for success. The emphasis in this course is Algebra and Trigonometry at a

MATHEMATICS (Cont.)

level to be successful in A.P. Calculus. **A TI 83 Plus, TI 84 Silver Edition or equivalent calculator is required.**

AP Calculus (11-12)

1 credit

No Fee

Pre-requisite: Advanced Math + Teacher recommendation

Calculus is designed for the serious college-bound student. Topics covered are those usually covered in a college freshman level course. A review of pre-calculus concepts will be followed by a study of limits, derivatives and integrals. Applications of each concept will be supplemented with the use of the graphing calculator. **A TI 83 Plus, TI 84 Silver Edition or equivalent calculator is required** for this course.

College Prep Math (12)

1 credit

No Fee

Pre-requisite: Passing grade in Algebra II + Teacher recommendation

This course will give a solid and extensive review of concepts of algebra and geometry as well as offer an introduction to trigonometry. It will be scientific and/or graphic calculator based. It is designed to prepare students for upcoming college math placement tests. **A TI-83 or equivalent calculator is required.**

Data Analysis (10-12)

1 credit

No Fee

Pre-requisite: Teacher recommendation

The Data Analysis course will develop the fundamental groundwork that will acquaint the beginning students with the importance of data collection and its measurement. The student will examine data through charts, tables, and data plots. Student projects will be established so that data derived will be practical and model real world situations. **A TI 83 calculator is required.**

Consumer Math (11-12)

1 credit

No Fee

Pre-requisite: Geometry + Teacher recommendation

Topics include those needed in real-life situations: checking, savings, insurance, renting versus buying a home, leasing versus buying a car, credit and debit cards, and taxes – federal, state, local, including types of tax issues. Practical retirement planning will also be discussed. Completing applications and interview skills will also be covered. Life projects involving research will be required along with other possible projects. **An OGT or equivalent calculator is required.**

SCIENCE

Physical Science (9) 1 credit Fee \$10.00

The Ninth Grade Science course is an integrated science survey course that introduces the student to the basics of physical science and chemistry. The inquiry process approach to science will be stressed with emphasis placed on those performance objectives that are addressed on the Ohio Graduation Tests. This course is a graduation requirement.

General Biology (9-12) 1 credit Fee \$10.00

This course features the study of the characteristics of living things: processes fueled by energy, organization based on cells, reproduction, growth, development, response and adaptation, photosynthesis and cellular respirations, genetics and evolution. This course is a graduation requirement

Environmental Science (11-12) 1 credit Fee \$10.00

Environmental Science will serve as an advanced study of the environment/ecology. This class is conducted as an inquiry based class focusing on the study of ecosystems, human population, human related disturbance and planetary issues facing the existence of the earth. It will include labs, research projects, film study and some lecture style format.

Anatomy/Physiology (11-12) 1 credit Fee \$12.00

Pre-requisite: "C" or better in Biology + Teacher Permission

This course is designed to prepare the student who is planning to pursue a life science related career. It is structured around the study of vertebrate anatomy and physiology, including the human being. Laboratory investigation includes the dissection of the more advanced forms of vertebrates.

Chemistry (11-12) 1 credit Fee \$12.00

Pre-requisite: Successful completion of Biology, or concurrently enrolled in Algebra II.

Chemistry is the study of the composition of all common materials, the changes in composition that these materials undergo, and the reasons for the changes. **A good math background** is essential for chemical equations. College bound students who wish to pursue careers in the sciences should take this course.

Honors Chemistry (11-12) 1 credit Fee \$12.00

Pre-requisite: An "A" or "B" in Algebra II + Chemistry Teacher recommendation.

Honors Chemistry is a fast paced chemistry course for the college bound student. It will cover the composition of all common materials, the changes they undergo, and the reasons for the changes.

SCIENCE (Cont.)

Physics (11-12)

1 credit

Fee \$8.00

Pre-requisite: Student must have earned a C or better in the Advanced Math course or be currently enrolled in Advanced Math + Teacher recommendation.

Physics is the study of the mechanics of solids, light, and waves. It is a college prep course. An extensive math background including Algebra II is required.

Chemistry II (11-12)

1 credit

Fee \$12.00

Pre-requisite: Student must have earned a C or better in Chemistry + Teacher recommendation

Chemistry II is a continuation of Chemistry I. This is a course for college bound students who are interested in pursuing a college major in science, or a science related field. A strong math background is recommended (successful completion of Algebra II), as this is a rigorous academic course.

Geology (11-12)

1 credit

Fee \$10.00

Pre-requisite: Teacher recommendation

Geology will serve as an advanced course of study focusing on forces and properties of physical geology including mineral study, rock formation/cycle, geologic time and dating and the chemical/physical properties of the earth. It will also focus on soil formation as wasting, erosion/weathering, plate tectonics, and other forces that continue to shape the planet. This class will be inquiry based with some field work, labs, films, research projects and lectures.

Science and Society (11-12)

1 credit

Fee \$5.00

This class will serve as an OGT review class as well as a class that focuses on various issues of science pertinent to our society. It will aid in science retention and serve as an avenue to open students' eyes to various science topics important to society. It is a non-lab based science that will focus on projects and some lecture. It will look at the various fields of science and their application in current society.

SOCIAL STUDIES

Integrated Social Studies 9 1 credit Fee: \$7.00

This course is the first in a series of social studies courses designed to address the American heritage, people in societies, world interactions, decision making and resources, democratic process, as well as citizenship rights and responsibilities. The time frame covers the periods following Reconstruction through 1920.

Integrated Social Studies 10 1 credit Fee: \$7.00

This course is the second in a series of social studies courses designed to address the American heritage, people in societies, world interactions, decision making and resources, democratic process, as well as citizenship rights and responsibilities. The time frame covers the years of 1920 to the Present.

Honors Soc Studies 10 1 credit Full Year Fee: \$7.00

Pre-requisite: Recommendation of current Social Studies teacher

Historical fiction and non-fiction pieces are explored in order to “bring to life” and fuse the study of world history and language arts for the highly motivated, college-bound student. Students will read, analyze, and create pieces of expository, persuasive, personal narrative, and satirical writings in order to gain a deeper understanding of historical time periods of 1920 to the present.

Social Studies 11 (Geopolitics) 1 credit Fee: \$7.00

This course focuses on modern world history, geography, cultures, governments and religions. Students will explore the United States’ foreign policy and relationship with other countries. Major issues included are the Middle East Crisis, the global economy, terrorism and the effectiveness of regional and global organizations such as the U.N., NATO, and the E.U. A formal research paper is required for this course as well as a Community Service project that continues into American Government (12).

Honors Social Studies 11 (Geopolitics) 1 credit Fee: \$7.00

Pre-requisite: Recommendation of current Social Studies Teacher

Students will focus on modern world history, geography, cultures, governments and religions at an accelerated pace and expanded depth. Major issues included are the Middle East Crisis, global economy, terrorism, and the influence of world leaders. Course guiding questions center on the effectiveness of global and regional organizations as well as brainstorming various solutions to on-going world conflicts. A formal research paper is required for this course with a concentration on exhaustive research techniques and writing skills. In addition there is a Community Service project that will continue into American Government (12).

American Government (12) 1 credit Fee: \$7.00

Students will learn the importance of the American democratic system as it relates to separation of powers and checks and balances. Topics of study will include all three branches of government (Executive, Legislative, and Judicial), The United States Constitution, and the U.S. court system.

Social Studies (Cont.)

Sociology (11-12)

½ credit

No Fee

This course covers the basic principles of culture, social structure, collective behavior, and social problems.

Psychology (11-12)

½ credit

No Fee

This course involves the study of the behavior of the individual. It is oriented to help the teenager in his/her development of self-awareness.

Economics (11-12)

½ credit

No Fee

This course relates economic concepts and business principals to real-life situations. This class will be taught with the assistance of a volunteer from the business community. Topics will include such things as free enterprise, supply and demand, and the consumer in our economy.

Maplewood Career Center

For the college bound and workforce bound student, Maplewood Career Center, the area's technical school, offers hands on training without tuition charges for a wide variety of programs.

An education from Maplewood Career Center is different from a traditional high school setting for several reasons. The educational emphasis is learning by doing. Students apply their knowledge and skills in lab every day. Because of this, grade point averages tend to increase. Academic and lab instructors teach students what they need to know in order to be successful in the workplace. Students choose to attend Maplewood. They are serious about a career field and want to learn. There is currently a shortage of skilled workers in many career areas. As a result, almost all Maplewood students are employed in their area of study.

Maplewood Career Center is an option available to all students who have 7 credits or a conditional acceptance plan (see your guidance counselor for details) and who will be 16 years or older by October 1st of the current school year.

These students are well suited for a technical education:

**College-bound students who will be responsible for their own tuition* – A technical education provides students with a career that will help them work their way through college. In addition, many employers are willing to finance some or all of an employee's education. A large number of scholarships are also available to students who graduate from technical schools.

**Students who wish to become Designers/Engineers, Computer Network Specialists and Landscape Architects/Golf Course Superintendents* - Tech Prep programs provide hands-on training and a seamless entry into college studies.

**College-bound students who have an interest in a career program that is offered at Maplewood.* Many Maplewood programs work well with college studies. For instance, students who wish to become an elementary school teacher or a child psychologist find that the Careers With Young Children program is very helpful when they enter their college studies.

Workforce-bound students:* Any student who is certain that they will not be going to college or technical school should definitely consider a Maplewood program. Good, **high paying jobs where workers are in demand can be found through almost all programs, *especially for the students who participate in apprenticeships.*

Students who would like to visit Maplewood may participate in programs of their choice. To schedule a visit, speak with your guidance counselor. Information for each program, and Apprenticeships are available by calling Maplewood (330 296-2892). Applications for enrollment are provided through your guidance counselor.

Career and Technical Programs

Auto Collision Technology (ACT): From minor spot blending to major collision repair, students learn dent removal, body component replacement, frame straightening and painting.

Auto Service Technology (AST): Learn to troubleshoot and repair engines, fuel systems, and transmissions, brake suspension systems and use computerized diagnostic test equipment.

Business Management (BMG): This program prepares students for management and business ownership. Financial planning, advertising, sales techniques, public relations, marketing research and management development are taught both in the classroom and in a part-time, career-related job.

Career Based Intervention (OWE/CBI): Formerly called Occupational Work Experience, CBI is available to seniors only. The curriculum focuses on work habits, attitudes, safety, life skills and job relationships. It is designed so that students attend school in the morning and then report to a workstation in the afternoon.

Careers With Young Children (CWYC): For students who wish to work with young children in any field, CWYC creates the foundation by teaching and demonstrating child growth and development, pre-school management, human relations and nutrition. Students operate a licensed preschool for children aged 3 –5 years.

Carpentry/Cabinetmaking (CA): Juniors will learn how to safely operate tools, study basics of building and begin cabinetmaking. In the senior year they will put their skills to work by actually building a house. Also, they will learn to read blueprints and how to operate computerized woodcutting equipment. Carpenters are currently in high demand and receive excellent wages.

Computer-Aided Engineering (CAE): Utilizing Auto CAD 2000, students prepare for a career in engineering, drafting and/or design. Classes are taken at Kent State University and Maplewood Career Center. This is also available as a non-Tech Prep program.

Computerized Business Technology (CBT): Instruction is created for students with an interest in business and focuses on word processing, spreadsheets, web page design, database, multi-media presentations and desktop publishing.

Cosmetology (Cos): Care of the hair, scalp, skin and nails is taught so that students are well prepared for the State Board of Cosmetology exam upon graduation. Class is held in the newly renovated salon at Maplewood.

Criminal Justice (CJ): Fingerprinting, surveillance, search and arrest procedures are taught along with courtroom procedures, traffic control and investigation techniques.

Culinary Arts (CUL): The Mapleleaf Restaurant, a student operated, commercial restaurant, is the classroom where students plan, prepare and serve a wide range of gourmet cuisine from scratch.

Electricity (EE): From residential to commercial wiring and motor control circuits to troubleshooting, students develop a wide range of skills that will lead to lucrative employment as an electrician.

Electronics (EO): Instruction focuses on using modern diagnostic equipment, computer, robotic and electronic circuits, plus digital electronics.

Graphic Communications (GC): In GC, students develop skills in desktop publishing, photo reproduction and manipulation, plate making, and offset print operation. Students will design and create printed pieces of artwork.

Information Technology (IT): Learning to successfully network computers and participating in the Cisco certification training are a large part of the IT program. Students also study application software, web page design and computer programming.

Landscape Horticulture (LH): For students with a desire to become a landscape architect, designer, golf course superintendent or business owner, the Tech Prep option provides many opportunities for individual enrichment and instruction. Students study landscape design, installation and maintenance, greenhouse management and floral design. This is also available as a non-Tech Prep program.

Masonry (MAS): Constructing walls, fireplaces and chimneys from brick, block and other masonry materials is the major part of the hands-on learning in this program.

Power Equipment Mechanics (PEM): Students learn about engine repair by concentrating on smaller equipment and then building to larger multi-cylinder equipment and diesel engines.

Precision Machining (PM): A job with a great employment outlook and nice pay scales, there is (and continues to be) a large shortage of skilled workers in the machining field. Precision Machining is a trade program that teaches students how to operate lathes, mills, grinders, CNC and EDM equipment.

Welding (WE): Welding is another career field that holds a variety of high paying opportunities for secure employment. Modern welding processes are taught including gas metal and gas tungsten arc, plasma arc, electric arc and fluxcord wire.

Individual Experience Programs for Students with Special Needs

Auto Maintenance and Detailing (AMD): Students learn to change oil, auto body care, cleanup and detailing. Emphasis is on safety, equipment operation and employability skills.

Maintenance Groundskeeping Construction Academy (MGCA): Making and marketing Maple Syrup, raising livestock and landscaping maintenance are just a few of the work skills taught in MGCA. Taking pride in a job well done and other important life skills are also learned through hands-on training.

Careers in Service Industries (CSI): In CSI, students learn the basics in commercial housekeeping, laundry operations, customer service, food preparation and building maintenance. This program prepares students for employment in nursing care facilities, hotels, restaurants and resorts.

Option 4: Designed to provide long-term employment after graduation, this **School-to-Work** program provides on-the-job support such as job training and one-on-one training on an as needed basis.

Career Center Programs

Career and Technical Programs

Auto Collision Technology (ACT)

Culinary Arts (CUL)

Auto Service Technology (AST)

Electricity (EE)

Business Management (BMG)

Electronics (EO)

Career Based Intervention (OWE/CBI)

Graphic Communications (GC)

Careers With Young Children (CWYC)

Information Technology (IT)

Carpentry/Cabinetmaking (CA)

Landscape Horticulture (LH)

Computer-Aided Engineering (CAE)

Masonry (MAS)

Computerized Business Technology (CBT)

Power Equipment Mechanics (PEM)

Cosmetology (COS)

Precision Machining (PM)

Criminal Justice (CJ)

Welding (WE)

Individual Experience Programs for Students with Special Needs

Auto Maintenance and Detailing (AMD)

Careers in Service Industries (CSI)

**Maintenance and Grounds keeping
Construction Academy (MGCA)**

Option 4: (School-to-Work Program)