



## Year Long Technical Programs for High School Students 2008-2009

**Earn three (3) elective credits per year**  
Bus service from CHS, FMHS, GJHS and PHS

Program	Lab Feest	MODULE/CLASS TIMES*		
		7:35-9:25	9:35-11:25	12:25-2:15
<b>Animation Technology</b> Join the exciting new field of 3D Animation. Students learn techniques of basic animation methods used in today's animation fields using 3DS Max software. Program concepts include modeling, lighting, motion, character building, scene creation, environment manipulation, and visual effects.	\$15		X	X
<b>Computer-Aided Design</b> Using hand drafting and computer-aided drafting (CAD) software, students learn techniques of basic drafting principles and methods used in today's engineering fields. Drafting concepts, architectural theory, pictorial drawing, dimensioning and geometric construction, and 3D techniques are explored.	\$15	X		X
<b>Construction Technology</b> Students gain skills in residential and commercial building construction careers through classroom and hands-on activities. Learn fundamentals of blueprint reading, estimation, building codes, frame construction, roof framing, and interior and exterior finishing. Students will understand safe operation and maintenance of tools and equipment.	\$15	X	X	X
<b>Graphic Communications</b> Students will gain basic skills in creative thinking, layout and design, typography, desktop publishing and creative art both with and without a computer. Students will work with Adobe Photoshop, Illustrator, and InDesign software. If you are interested in advertising, cartooning, publishing, marketing or public relations, consider this class.	\$15	X	X	X
<b>Machining Technology</b> This course prepares students for entry-level placement in a wide range of manufacturing jobs and is designed to meet competency-based standards set by industry. Students learn blueprint reading, computer numerical control (CNC), general machining, inspection processes, maintenance, computer-aided design (CAD), and related mathematics.	\$15	X	X	X
<b>Marketing / Sports and Entertainment Marketing</b> The marketing program is designed to apply marketing principles and processes to any industry including: Sports and Entertainment, Fashion and Merchandising, Finance, Automotive, Restaurant Management and Business Ownership.	\$10	X	X	X
<b>Media Technology</b> Prepare for entry into the exciting field of broadcasting, film, video and television production. You will obtain skills to work within all aspects of the media. In addition to personal growth and the ability to work cooperatively with others, students gain an understanding of career opportunities in the media and communication fields.	\$15	X	X	X
<b>Medical Preparation</b> Develop skills and gain knowledge for beginning work in the healthcare field. This is an excellent start for students who will be furthering their education in a health field of any type. The student will be certified in CPR and first-aid, learn medical terminology and have job shadowing experiences in the community. <b>Student must provide their own transportation for job shadowing.</b>	\$20	X	X	X
<b>Technology Integration</b> Students learn fundamentals of Inter-Networking Systems of Telecommunications and Process Systems Control Technology. Technicians in these fields repair and run the computers that control the networks and systems that run the world.	\$15		X	X
<b>Transportation Services Technology</b> This program trains students in the proper use and care of hand tools and equipment used in automotive service. Students learn the fundamentals of electronics, starters, ignition and charging systems, and cooling and heating systems. Explore math-related concepts, use of technical manuals, basic management skills, communication skills and leadership. This program stresses safety practices.	\$15	X	X	X
<b>Welding Technology</b> Study welding and cutting, fluid power and pneumatics, robotics, properties of materials and basic electrical theory. Students will study stick welding, MIG welding, TIG welding, flux-core welding and oxyacetylene cutting and welding. This course prepares students for entry-level placement in a wide range of jobs in a variety of fields and is designed to meet competency based standards set forth by industry.	\$15	X	X	X

\* Class times subject to change.

† Lab fees may be adjusted. Students also participate in program related clubs/organizations, their dues are \$20.

**Technical Math** course is available to students enrolled in the WCCC Machining, Welding, Construction, Technology Integration and Transportation Services programs. Students attending other WCCC programs will be admitted on an individual basis with prior approval.