



PATHWAY INFORMATION

Air Force JROTC

- ▶ Learn the Air Force heritage and traditions, applied flight sciences, military aerospace policies and space exploration.
- ▶ Course focuses on our mission to “develop citizens of character dedicated to serving their nation and community.”

Bricklaying & Concrete Systems

- ▶ Learn bricklaying, concrete work, block laying, tuck pointing and stone work.
- ▶ Gain the opportunity to work on projects such as building foundations and walls.
- ▶ Industry certification opportunities and college credit available.

Carpentry

- ▶ Learn the basic and advanced skills through actual work on-site at building and remodeling projects.
- ▶ This class covers tool use, material selection, building design, cabinetry and more.
- ▶ Industry certification opportunities and college credit available.

Construction Electricity

- ▶ Gain the skills necessary to install and maintain electrical systems in residential and commercial buildings.
- ▶ Study circuitry, national and local codes and the fundamentals of electricity.
- ▶ Prepare to enter a four-year apprenticeship program.
- ▶ Industry certification opportunities and college credit available.

Heating, Ventilation & Air Conditioning (HVAC)

- ▶ Participate in a hands-on environment focusing on heating and cooling unit installation, maintenance and repair.
- ▶ Learn to troubleshoot and solve heating and cooling problems.
- ▶ Industry certification opportunities and college credit available.

Landscape Design & Plant Science

- ▶ Explore careers in the floral and green industry.
- ▶ Develop skills in artistic floral design, worldwide marketing, environmental science, computer generated landscape design, landscape maintenance, golf course management and small business development.
- ▶ Industry certification opportunities and college credit available.

Welding

- ▶ Develop skills in several types of welding and cutting, brazing, blueprint reading, fabrication and manufacturing.
- ▶ Training may lead to job placement in senior year.
- ▶ Industry certification opportunities and college credit available.

Bioscience Technology

- ▶ Discover how living organisms like cells, plants and animals can be used to solve real life problems related to crime, hunger, the environment, nutrition and health.
- ▶ Use scientific inquiry in areas of microbiology, DNA, proteins, immunology and bioethics.
- ▶ Sharpen lab skills like micropipetting, aseptic technique, pouring, inoculating and streaking agar plates.

Dental Assisting

- ▶ Develop the skills necessary to assist dentists and hygienists with patient care, office tasks and lab duties.
- ▶ Successful students may transition to a post-secondary institution in a time-shortened related program.
- ▶ Industry certification opportunities and college credit available.

Fitness & Wellness

- ▶ Pursue your interest in sport, recreation, health and/or fitness.
- ▶ Trainers, instructors, managers and programmers are needed to address the wellness needs of the general public or specific clients/populations.
- ▶ Successful students will be certified in First Aid and CPR, along with industry certification opportunities and college credit available.

Medical Assisting

- ▶ Learn to help care for patients primarily in medical offices and clinics.
- ▶ Medical Assistants are multi-skilled professionals who assist in patient care management, clinical and administrative duties.
- ▶ Successful students may transition to partnering post-secondary institutions to complete the requirements for the Medical Assisting Associate's or Bachelor's Degree in a time-shortened program. College credit available.

Medical Laboratory Technician

- ▶ Gain the skills necessary to perform diagnostic procedures in the health care setting, such as chemical analysis of body fluids, classification of blood cells, identification of disease producing microorganisms and the selection of compatible donor blood for transfusion.
- ▶ Successful students may complete the requirements for the Medical Laboratory Technician Associate Degree at CSCC in a time-shortened program. College credit available.

Pathway to Nursing

- ▶ Develop skills to care for patients who are ill, injured or disabled.
- ▶ Prepare for a career working in hospitals or nursing homes under the direction of nurses and doctors.
- ▶ Successful students will be qualified to take the State Test for Nurse Assisting and may transition to partnering post-secondary institutions to complete the requirements to become a Registered Nurse in a time-shortened program.
- ▶ College credit available.



PATHWAY INFORMATION *(continued)*

Pathway to Surgical Technology

- ▶ Receive training in the field of surgical technology.
- ▶ The surgical technologist is a vital member of the allied health field of professionals who works under the supervision of surgeons and nurses delivering patient care.
- ▶ Successful students may complete the requirements for the Surgical Technology Certificate at CSCC in a time-shortened program. College credit available.

Audio Production

- ▶ Learn how to become an audio engineer in a recording studio.
- ▶ Discover the principles of sound, microphone techniques mixing and mastering.
- ▶ Gain experience using the industry-standard, digital recording system Pro Tools.
- ▶ College credit available.

Dance Performance

- ▶ Study and perform the different genres of dance including jazz, ballet, tap, music video and modern styles.
- ▶ Focus on anatomy and physiology, choreography and physical training.
- ▶ Practical application of skills is reinforced through production labs and actual performance.
- ▶ College credit available.

Filmmaking & Television Production

- ▶ Acquire the main aspects of live, multiple-camera, television studio and radio productions.
- ▶ Operate high definition studio cameras, video production switchers, character generators, professional videotape recorders and audio mixing consoles.
- ▶ Produce a regularly scheduled campus newscast and develop hands-on skills necessary to produce, direct and engineer live television studio productions from script to credits.
- ▶ College credit available.

Music Performance

- ▶ Explore music-related career opportunities, including career identification, required skill sets, organized labor within the industry and personal portfolio development.
- ▶ Learn the main aspects of multi-track audio recording and apply newly acquired skills through production labs and actual performances.
- ▶ College credit available.

Theatre Performance

- ▶ Foster your talents in the areas of acting, directing, basic lighting, stagecraft, sound, set construction and other aspects of the theater.
- ▶ Practice and develop basic skills in an authentic theater environment.
- ▶ College credit available.

Automotive Collision Repair

- ▶ Launch your career in the collision repair industry.
- ▶ Receive instruction in vehicle design and manufacture, basic collision repair and refinishing technologies, proper usage of tools, equipment and materials.
- ▶ Industry certification opportunities and college credit available.

Automotive Technology

- ▶ Obtain the skills needed for an entry-level position in auto mechanics including alignment, steering, braking systems and electronics.
- ▶ Industry certification opportunities and college credit available.

Art Portfolio

- ▶ Receive an intensive introduction to the discipline of free-hand drawing and illustration.
- ▶ Emphasis is on media, concepts, drawing from observation, two and three dimensional studies and individual technique development.
- ▶ College credit available.

Graphic Arts and Design

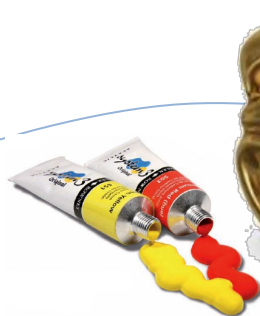
- ▶ Explore all aspects of the graphics communications industry.
- ▶ Develop skills in computer design, photography, imaging and printing in digital and large-format operations.
- ▶ Adobe Certified Associate Certification and college credit available.

Interior Design

- ▶ Create and construct fashions for the home, office or building interiors.
- ▶ Topics range from structural issues to choice of fabrics and materials.
- ▶ College credit available.

Photography

- ▶ Learn the principles of continuous-tone photography and digital photography.
- ▶ Composition, lighting, manipulative functions, operative settings and focus control of cameras and enlargers is emphasized.
- ▶ Computer hardware and software for electronic manipulation of images is taught to allow students to print their work in a variety of sizes.
- ▶ College credit available.





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Business

- ▶ **Financial Services pathway** prepares students for employment in the finance and banking career fields. Students are introduced to personal and commercial finance, investing, and employability skills.
- ▶ **Business & Administrative Service pathway** prepares students for employment in the following careers:
 - Business administration, digital marketing, marketing management, office management, sole-proprietor, and supply chain management.
 - Technology, employability skills, leadership and communications will be incorporated in classroom activities, as well as cooperative educational and internship experiences out of the classroom.
 - College credit available.

Criminal Justice

- ▶ Perfect candidates are students dedicated to making our community a better place to live.
- ▶ Students will network with professionals in the industry and learn the importance of teamwork through classroom learning, lab activities, real world assignments, and community service projects.
- ▶ College credit available.

Engineering Technologies

Engineering & Design

- ▶ Students in this program develop critical thinking and problem solving skills needed for success in life.
- ▶ Students who enjoy hands-on projects and designing products will thrive in this program.
- ▶ Learn basic drafting skills, 3D design modeling software, blueprint reading and use computer-aided drafting software.

Advanced Manufacturing

- ▶ Focus on quality, measurement, maintenance, and safety in manufacturing operations.
- ▶ Learn to use cutting, drilling, and grinding tools.
- ▶ Learn operation of manual and CNC industrial milling machine and CNC industrial lathes.
- ▶ Use calculations and measurement to mill products to print dimensions.

Information Technology

- ▶ **IT Support & Services pathway** will prepare you for careers in the exciting field of IT. Learn to build a computer from scratch, set up wireless networks, and install and configure the latest operating systems. CompTIA A+ Industry Certification available.

Information Technology *(continued)*

- ▶ **Interactive Media pathway** will enable you to master the skills needed to become proficient in creating, designing, and producing interactive multimedia products and services. Interactive Media focuses on the development of digitally generated and computer enhanced media. Adobe Certified Associate (ACA) in Photoshop, Dreamweaver and Flash certification available.
- ▶ **Programming & Software Development pathway** will train you in the areas of software programming and analysis by learning to design, develop, test, document, implement, and maintain computer systems and software. Sun Certified Java Associate certification available.

Cosmetology

- ▶ Students prepare to become licensed to work in a salon.
- ▶ Students will develop technical skills in all areas of cosmetology, hair cutting, color, permanent waves, relaxers and hair designing.
- ▶ Students will practice their skills on actual customers in a modern salon setting.
- ▶ Students who successfully complete program will be able to sit for the Ohio State Board of Cosmetology Licensing exam.

Culinary Arts

- ▶ Students develop skills and knowledge pertaining to hospitality, restaurant, and institutional food preparation.
- ▶ Students learn through the ProStart® curriculum developed by the National Restaurant Association. ProStart® is the restaurant and food service industry's leading career-building program for high school students interested in culinary arts and food service management.
- ▶ Industry certification opportunity and college credit available.

Education

- ▶ **Columbus Teaching Academy pathway** is a one year program designed specifically for high school seniors considering a career in education. Classes are held on The Ohio State University main campus. Students complete two internships in local elementary, middle, or high school classrooms. College credit available.
- ▶ **Early Childhood Education pathway** is for students who have a desire to work with young children and learn the fundamentals of childhood development, instructional strategies, how to create a positive instructional environment, how children learn and lesson development. Students learn to manage, guide, and direct developmentally appropriate learning activities. College credit available.



Learn. Dream. Succeed.

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