Columbus Arts & Technology Academy
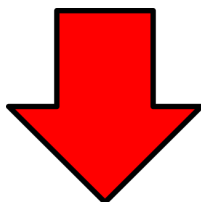
College Credit Plus Pathways

Sample: 15 Credit Hour

Transfer Pathway

Course ID	Course	CR
ENG111	Composition I*	3
	Arts and Humanities (See list below)	3
	Mathematics (See list below)	3
	Natural Sciences (See list below)	4
	Social/Behavioral Science Elective (See list below)	3

Sample: 30 Credit Hour

Transfer Pathway

Course ID	Course	CR
ENG111	Composition I*	3
ENG112	Composition II*	3
	Arts and Humanities (See list below)	6-12
	Mathematics (See list below)	6
	Natural Sciences (See list below)	4-8
	Social/Behavioral Sciences (See list below)	6-12

*Course available online

Course ID	Course	CR
	Arts and Humanities	
ENG223	Interpretation of Literature*	3
ENG230	Children's Literature	3
ENG240	Introduction to Poetry	3
ENG241	Introduction to Fiction*	3

Course ID	Course	CR
ENG250	American Literature Through the Mid-19th Century	3
ENG251	American Literature Since the Mid-19th Century	3
ENG260	British Literature Through the 18th Century	3
HUM209	Humanities and Cultures: Ancient and Medieval Worlds	3
HUM210	Humanities and Cultures: Renaissance to Present	3
HUM221	Music Appreciation*	3
HUM230	Art Appreciation*	3
PHI110	Critical Thinking and Logic*	3
PHI201	Introduction to Philosophy*	3
PHI210	Ethics*	3
PHI230	World Religions*	3
	Mathematics	
MTH109	College Algebra*	3
MTH112	Trigonometry*	3
MTH213	Calculus I	5
MTH214	Calculus II	5
STA120	Introduction to Statistics*	3
	Natural Sciences	
BIO101	Principles of Biology	4
BIO115	Ecology	4
BIO150	The Human Body	4
BIO180	Principles of Genetics	4
BIO201	General Biology I	4
BIO202	General Biology II	4
BIO231	Anatomy & Physiology I	4
BIO232	Anatomy & Physiology II	4
BIO257	Microbiology	4
CHM101	Principles of Chemistry	4
CHM201	General Chemistry I	5
CHM202	General Chemistry II	5
CHM256	Principles of Biochemistry	3
PHY101	Principles of Physical Science	4
PHY140	Astronomy	4
PHY150	Principles of Geology	4
PHY251	Physics: Mechanics & Heat	4
PHY252	Physics: Electricity & Magnetism	4
	Social/Behavioral Sciences	
ECO211	Macroeconomics*	3
ECO212	Microeconomics*	3
GEO110	World Geography	3
GEO210	Geography - US and Canada	3
HIS101	U.S. History Pre-1876*	3

Course ID	Course	CR
HIS102	U.S. History Post-1876*	3
HIS203	U.S. History Since 1945*	3
HIS210	The Modern World*	3
HIS240	Social Problems*	3
HIS242	Marriage and the Family	3
PSY110	General Psychology*	3
PSY210	Abnormal Psychology*	3
PSY220	Social Psychology*	3
PSY230	Human Growth & Development*	3
SSC101	Sociology* or	3
SSC110	General Anthropology	3
SSC120	American Government*	3
SSC130	Comparative Government*	3
SSC210	Cultural Diversity*	3

Students can earn an Associates or Bachelors Degree or can potentially apply these courses toward a different degree path. Degrees available can be found on the Columbus State Community College site.

2023–2024

Areas of Study

Types of Degrees at Columbus State

Students can earn an associate degree in more than 100 areas of study at Columbus State. We offer four associate degree options that fall into two categories: Transfer Programs and Career Programs.

TRANSFER PROGRAMS

complete the first two years of a bachelor's degree for students who intend to transfer and complete a Bachelor of Arts or Bachelor of Science prior to entering the workforce.

Associate of Arts Degree (A.A.)
Associate of Science Degree (A.S.)
The Associate of Arts (A.A.) completes the first two years of a Bachelor of Arts degree, while the Associate of Science (A.S.) completes the first two years of a Bachelor of Science degree.

Upon graduating with an A.A. or A.S. degree, students are guaranteed admission and credit transfer to any public college or university in Ohio. Additional transfer agreements with private colleges and our Preferred Pathway partners expand transfer options even further.

CAREER PROGRAMS

are intended to give students the technical skills to begin a career in a specific discipline upon receiving an associate degree.

Associate of Applied Science Degree (A.A.S.)
Associate of Technical Studies Degree (A.T.S.)
The Associate of Applied Science and Associate of Technical Studies are two-year degrees intended to lead directly into a career field. Students graduating with an A.A.S. or A.T.S. also have transfer opportunities with select universities, which should be discussed with an academic advisor.

CERTIFICATE PROGRAMS

Certificate programs at Columbus State offer the opportunity to earn career credentials through intensive study in a discipline or specialty.

Learn about each program and the jobs they prepare you for. **explore.cscc.edu**

Degrees and Certificates

ARTS, HUMANITIES, AND SOCIAL SCIENCES

In the Arts, Humanities, and Social Sciences Pathway, students can choose from a variety of subjects, including English, communications, history, anthropology, economics, languages, political science and more. These degrees are designed for students who intend to transfer directly to a four-year college or university, generally in a Bachelor of Arts program.

Associate of Arts
    [A.A.] (General) 🌐

Anthropological Sciences
    Anthropological Sciences [A.S.]

Anthropology
    Anthropology [A.A.] 🌐

Art History
    Art History [A.A.]

Communication
    Communication [A.A.] 🌐

Criminology
    Criminology [A.A.] 🌐

Economics
    Economics [A.A.] 🌐
    Economics [A.S.]

English
    English [A.A.] 🌐

Geography
    Geography [A.A.]
    Geography [A.S.]

Health Communication
    Health Communication [A.A.] 🌐

History
    History [A.A.] 🌐

Humanities
    Humanities [A.A.]

International Studies
    International Studies [A.A.] 🌐

Philosophy
    Philosophy [A.A.]

Political Science
    Political Science [A.A.] 🌐

Psychology
    Psychology [A.A.]
    Psychology [A.S.]

Religious Studies
    Religious Studies [A.A.]

Sociology
    Sociology [A.A.] 🌐

Spanish
    Spanish [A.A.]

Studio Art
    Studio Art [A.A.]

Theater
    Theater [A.A.]

BIOLOGICAL, PHYSICAL, AND MATHEMATICAL SCIENCES

In the Biological, Physical, and Mathematical Sciences Pathway, students will find majors that give them a strong foundation in STEM subjects. These degrees are designed for students who intend to transfer directly to a four-year college or university, generally in a Bachelor of Science program.

Associate of Science
    [A.S.] (General)

Biology
    Biology [A.S.]

Chemistry
    Chemistry [A.S.]

Geology
    Geology [A.S.]

Mathematics
    Mathematics [A.S.]

Physics
    Physics [A.S.]

BUSINESS AND HOSPITALITY SERVICES

Students in the Business and Hospitality Services Pathway can study business, finance, entrepreneurship, commerce, marketing, real estate, retail, and supply chain management, as well as culinary, hotel, and tourism management. This pathway offers both Transfer and Career Program options.

Accounting
    Accounting [A.A.S.] 🌐
    Accounting Concentration *(CPA Exam Preparation)* [Certificate] 🌐

Baking and Pastry Arts
    Hospitality Management, Baking and Pastry Arts [A.A.S.]
    Baking [Certificate]

Business
    Business [A.A.]
    Business Management [A.A.S.] 🌐
    Business Management, Entrepreneurship [A.A.S.] 🌐
    Business Operations Analysis [Certificate] 🌐
    Entrepreneurship [Certificate]
    Entrepreneurship, Automotive Technology [Certificate]
    Entrepreneurship, Hospitality [Certificate]
    Entrepreneurship, Real Estate Management [Certificate] 🌐
    Entrepreneurship, Sport Management [Certificate] 🌐
    Foundations of Business [Certificate] 🌐
    Foundations of Business, Advanced [Certificate] 🌐
    Managing Interpersonal Skills [Certificate] 🌐
    Pre-MBA [Certificate] 🌐
    Project Management [Certificate] 🌐

Business Office Administration
    Administrative Assistant [A.A.S.] 🌐
    Medical Administrative Assistant [A.A.S.] 🌐
    Bookkeeping [Certificate] 🌐
    Office Specialist [Certificate] 🌐

Culinary
+ Hospitality Management, Culinary Apprenticeship [A.A.S.]
    Hospitality Management, Culinary Arts Major [A.A.S.]
    Culinary Arts [Certificate]
    Mixology [Certificate]

Finance
    Finance [A.A.S.] 🌐
    Banking Fundamentals [Certificate] 🌐

Hotel, Tourism and Event Management
    Hospitality Management, Hotel Management Major [A.A.S.]
    Hospitality Management, Hotel, Tourism and Event Management [A.A.S.]
    Hotel Administration [Certificate]
    Casino Management [Certificate] 🌐
    Meeting and Event Management [Certificate]

Human Resources
    Business Management, Human Resources Management [A.A.S.]
    Human Resource Management [Certificate]

Marketing
    Marketing [A.A.S.] 🌐
    Customer Service [Certificate] 🌐
    Digital Marketing [Certificate] 🌐

Nutrition and Dietetics
+ Hospitality Management, Nutrition and Dietetics [A.A.S.]
    Dietary Manager [Certificate]

Real Estate
    Real Estate [A.A.S.]
    Real Estate Pre-Broker [Certificate] 🌐
    Real Estate Pre-Licensure [Certificate] 🌐
    Real Estate Professional [Certificate]
    Real Estate Property Management [Certificate]

Restaurant and Foodservice Management
    Hospitality Management, Restaurant and Foodservice Management [A.A.S.]

COMPUTER SCIENCE, INFORMATION TECHNOLOGY, AND DESIGN

In the Computer Science, Information Technology, and Design Pathway, students can study cybersecurity, game development, network administration, and many other skills within the field of computer science. Creative-minded students can learn video game art and animation, digital design, and digital photography. Students considering continuing on for a bachelor's degree should consult with their advisor about transfer opportunities for their chosen major.

Computer and Information Science
    Computer and Information Science [A.S.]

Computer Literacy
    Computer Literacy [Certificate] 🌐

Cybersecurity
    Computer Science, Cybersecurity [A.A.S.]

Digital Design and Graphics
    Digital Design and Graphics [A.A.S.] 🌐
    Adobe Illustrator [Certificate] 🌐
    Adobe InDesign Advanced [Certificate] 🌐
    Adobe Photoshop Advanced [Certificate] 🌐
    Digital Design [Certificate] 🌐
    Digital Painting [Certificate] 🌐

Digital Photography
    Digital Photography [A.A.S.] 🌐
    Black and White Film [Certificate]
    Business of Photography [Certificate] 🌐
    Digital Photography, Basic [Certificate] 🌐
    Digital Photography, Intermediate [Certificate] 🌐

Digital Photography, Advanced
[Certificate]
Off-Camera Flash [Certificate] 🔵
Photoshop for Photographers, Basic
[Certificate] 🔵
Photoshop for Photographers,
Intermediate [Certificate] 🔵
Photoshop for Photographers, Advanced
[Certificate] 🔵
Game Developer
Computer Science, Game Developer [A.A.S.]
Mobile Game Apps [Certificate]
Geographic Information Systems (GIS)
Geographic Information
Systems [A.A.S.] 🔵
Geographic Information Systems
[Certificate] 🔵
Information Technology Support Technician
Computer Science, Information
Technology Support Technician Track
[A.A.S.]
IT Security Stackable [Certificate]
IT Support Stackable [Certificate]
IT Technician Stackable [Certificate]
Interactive Media
Interactive Media [A.A.S.]
Digital Video Production [Certificate]
Mobile Application Design [A.A.S.]
Video Game Art and Animation [A.A.S.] 🔵
Management Information Systems
Computer Science, Management
Information Systems [A.A.S.]
Data Analytics [Certificate]
Data Center Technician [Certificate]
Database Specialist [Certificate]
Linux Stackable [Certificate]
Management Information Systems
[Certificate]
Mobile App Development
Computer Science, Mobile App
Development [A.A.S.]
Network Administrator
Computer Science, Network
Administrator [A.A.S.]
Cisco Certified Network Administrator
(CCNA) Routing and Switching
[Certificate]
Network Administrator [Certificate]
Software Developer
Computer Science, Software
Developer [A.A.S.]
Software Developer [Certificate]
Web Developer
Computer Science, Web Developer
[A.A.S.]

CONSTRUCTION AND SKILLED TRADES

Students in the Construction and Skilled
Trades Pathway can study traditional
trades as well as emerging technologies
such as sustainable building. Degrees and
certificates in this Pathway lead to careers
in carpentry, electrical trades, plumbing,
welding, HVAC, landscaping, and other
fields. Students considering continuing on
for a bachelor's degree should consult with
their advisor about transfer opportunities
for their chosen major.

Apprenticeship Readiness
Carpenter Apprenticeship Readiness
[Certificate]
Electrician Apprenticeship Readiness
[Certificate]
HVAC Apprenticeship Readiness
[Certificate]
Plumbing Apprenticeship Readiness
[Certificate]
Sheet Metal Apprenticeship Readiness
[Certificate]
Construction Management
Construction Management [A.A.S.]
Building Information Modeling (BIM)
[Certificate]
Estimating/Procurement [Certificate]
Facility Conservation and Energy
Management [Certificate]
Field Supervision [Certificate]
Residential Construction Management
[Certificate]
Heating, Ventilating, and Air Conditioning Technology
Heating, Ventilating, and Air
Conditioning Technology [A.A.S.]
HVAC Controls [Certificate]
HVAC Test and Balance [Certificate]
High Pressure Boiler License Training
Program [Certificate]
Large Commercial [Certificate]
Residential/Light Commercial
[Certificate]
Landscape Design and Management
Landscape Design and Management
[A.A.S.]
Landscape [Certificate]
Skilled Trades Technology
Facilities Maintenance [A.A.S.]
Welding [A.A.S.]
Facilities Maintenance [Certificate]
Facilities Maintenance, Carpentry Module
[Certificate]
Facilities Maintenance, Electrician Module
[Certificate]
Facilities Maintenance, Plumbing Module
[Certificate]
Facilities Maintenance, Welding Module
[Certificate]
Intermediate Pipe and Plate Tig Welder
[Certificate]
Intermediate Pipe I Welder [Certificate]
Intermediate Pipe II Welder [Certificate]
Intermediate Welder [Certificate]

EDUCATION, HUMAN SERVICES AND PUBLIC SAFETY

In the Education, Human Services and
Public Safety Pathway, students can
choose from a wide variety of programs
in the helping professions, including
early childhood education, American sign
language, interpreting, fire science, EMS,
and criminal justice. This pathway offers
both Degree-to-Degree Transfer and
Career program options.

Addiction Studies
Addiction Studies [Certificate]
➕ Advanced Addiction Studies [Certificate]

Criminal Justice
Criminal Justice [A.A.S.] 🔵
Law Enforcement [A.A.S.]
Probation and Supervision [A.A.S.] 🔵
Basic Peace Officer [Certificate]
Homeland Security [Certificate] 🔵
Early Childhood
➕ Early Childhood Development and
Education [A.A.S.]
Early Childhood Education [A.A.]
Childhood Development Associate (CDA)
[Certificate]
Early Childhood Aide [Certificate]
Early Childhood Education and
Administration [Certificate]
Emergency Medical Services Technology
Paramedic [A.A.S.]
Emergency Medical Technician (EMT)
[Certificate]
Paramedic [Certificate]
Fire Science
➕ Fire Science Professional [A.A.S.]
Fire and Emergency Services Higher
Education [Certificate]
Firefighter I [Certificate]
Firefighter II [Certificate]
Fire Inspector [Certificate]
Red Cross Lifeguard and Waterfront
[Certificate]
Rescue Technician [Certificate]
Human Development and Family Science
Human Development and
Family Science [A.A.]
Integrated Science Education
Integrated Science Education [A.S.]
Interpreter Education
➕ Interpreter Education Program [A.A.S.]
American Sign Language/Deaf Studies
[Certificate]
Middle Childhood Math & Science Education
Middle Childhood Math & Science
Education [A.S.]
Paralegal Studies
Paralegal Studies [A.A.S.]
Paralegal Studies *(Post Baccalaureate
Option)* [Certificate]
Social Work and Human Services
➕ Social Work and Human Services [A.A.S.]
Social Work [A.A.]
➕ Advanced Mental Health [Certificate]
Human Services Assistant [Certificate]

ENGINEERING, MANUFACTURING, AND ENGINEERING TECHNOLOGY

In the Engineering, Manufacturing,
and Engineering Technology Pathway,
students can study automotive technology,
aviation maintenance, systems
engineering, and multiple specialties of
engineering technology. This pathway
offers both Degree-to-Degree Transfer and
Career program options.

Architecture
Architecture [A.A.S.]
3-D Visualization [Certificate] 🔵
Architectural CAD Drafting [Certificate]

➕ = Additional admissions requirements   🔵 = Available Online

Degrees and Certificates (cont.)

Automotive
Automotive Technology [A.A.S.]
+ FORD ASSET Program [A.A.S.]
+ Alternative Energy Automotive
Technician [Certificate]
Automotive Service Technician
[Certificate]
Ford Maintenance and Light Repair
[Certificate]
Maintenance and Light Repair
[Certificate]
Master Automotive Service Technician
(MAST) [Certificate]
Aviation Maintenance Technology
Aviation Maintenance [A.A.S.]
Aviation Maintenance Technician,
Airframe [Certificate]
Aviation Maintenance Technician,
Powerplant [Certificate]
Civil Engineering Technology
Civil Engineering Technology,
Civil [A.A.S.]
Civil Engineering Technology,
Survey [A.A.S.]
Bridge to Fundamental Surveying *(Post
Associate Degree)* [Certificate]
Land Surveying [Certificate]
Surveying [Certificate]
Transportation Construction Inspection
Level 1 [Certificate]
Transportation Construction Inspection
Level 2 [Certificate]
Engineering Technology
Electro-Mechanical Engineering
Technology [A.A.S.]
Electronic Engineering Technology [A.A.S.]
Mechanical Engineering Technology [A.A.S.]
CNC (Computer Numerical Controls)
Engineering Technician [Certificate]
Computer Aided Drafting Technician
[Certificate]
Manufacturing Engineering Technician
[Certificate]
Manufacturing Equipment Technician
[Certificate]
Semiconductor Fundamentals [Certificate]
Environmental Science, Safety and Health
Environmental Science, Safety and
Health Technology [A.A.S.]
Health & Safety/Hazardous Waste
Operations [Certificate]
Occupational Health and Safety [Certificate]
Sustainable Building [Certificate] ⟳
Water/Wastewater Technology [Certificate]
International Commerce
Supply Chain Management, International
Commerce [A.A.S.]
International Commerce [Certificate] ⟳
Supply Chain Management
Logistics Engineering Technology [A.A.S.]
Supply Chain Management [A.A.S.] ⟳
Supply Chain Management [Certificate] ⟳
Systems Engineering
Systems Engineering [A.S.]

HEALTH SCIENCES

In the Health Sciences Pathway, students
can choose from programs focused on
patient care, healthcare technology, and
sports and exercise science. Students
considering continuing on for a bachelor's
degree should consult with their advisor
about transfer opportunities for their
chosen major.

Dental Hygiene
+ Dental Hygiene [A.A.S.]
Healthcare Management
Healthcare Management [A.A.S.]
Healthcare Manager [Certificate] ⟳
**Health Information Management
Technology**
+ Health Information Management
Technology [A.A.S.] ⟳
Health Information Management
Technician [Certificate] ⟳
+ Medical Coding [Certificate] ⟳
Health Sciences
Health Sciences [A.A.S.]
Massage Therapy/Entrepreneurship
+ Massage Therapy/Entrepreneurship [A.T.S.]
+ Massage Therapy [Certificate]
+ Massage Therapy Advanced Techniques
[Certificate]
Medical Assisting
+ Medical Assisting [A.T.S.]
+ Medical Assisting [Certificate]
Medical Imaging
+ Medical Imaging/Radiography [A.A.S.]
GXMO (General X-Ray Machine Operator)
Radiography/Medical Imaging
[Certificate]
Medical Laboratory Technology
+ Medical Laboratory Technology [A.A.S.]
+ Medical Laboratory Technology Clinical
Laboratory Assisting [Certificate]
Multi-Skilled Health
Multi-Skilled Health [A.A.S.]
+ Basic Electrocardiography (EKG)
[Certificate]
+ Pharmacy Technician [Certificate]
+ Phlebotomy [Certificate]
Nursing
+ Nursing [A.A.S.]
+ Practical Nursing (LPN) [Certificate]
+ Nurse Aide Training Program (STNA)
[Certificate]
+ Patient Care Assistant [Certificate]
+ Train the Trainer Nurse Aide [Certificate]
Respiratory Care
+ Respiratory Care [A.A.S.]

Sport and Exercise Studies
Coaching Administration [A.A.S.]
Exercise Science [A.A.S.]
Exercise Science, Athletic
Performance [A.A.S.]
Recreation Administration [A.A.S.]
Sport Management [A.A.S.]
Wellness & Health Promotion [A.A.S.]
Exercise Specialist [Certificate]
Youth Coaching [Certificate]
Sterile Processing Technology
+ Sterile Processing Technology [Certificate]
Surgical Technology
+ Surgical Technology [A.A.S.]
Veterinary Technology
+ Veterinary Technology [A.A.S.]

+ = Additional admissions requirements   ⟳ = Available Online