

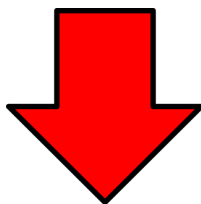
Columbus Arts & Technology Academy

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](#).

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]

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.]

COLUMBUS STATE

ADMISSIONS

Information on areas of study is subject to change. For the most up-to-date information, visit csc.edu.

For additional information on majors, or for assistance with the admissions process, contact our Admissions team:

Columbus Campus
Madison Hall, Ground Floor
(614) 287-5353
Toll free in the U.S. (800) 621-6407

Delaware Campus
Moeller Hall
(740) 203-8345

csc.edu