School Information

Columbus Downtown High School prepares eleventh and twelfth grade students for careers in Business, Engineering, Information Technology, Personal Services and Public Safety. CDHS is located in Downtown Columbus near partnering corporations who provide students with mentors, internships, and job placement to give them real life experiences.

The classrooms and laboratories at CDHS feature state-of-the-art technical equipment. Students who attend CDHS gain the skills necessary for entry level employment and the knowledge to pursue a post-secondary degree.

Career Clusters

Students at Columbus Downtown High School select an Area of Specialization within a Career Cluster. During their first year, students take foundation courses in that cluster area followed by specialized courses their second year. Students also take their academic courses at CDHS which feature an unique educational approach tailored to each Area of Specialization.

ALUMNI STUDENT QUOTES:

Per Kindell Tyson, “If it wasn’t for this school, I wouldn’t be where I am today.” Kindell is employed at the Ohio Department of Development and is a former student of the Entrepreneurship Program.

Per Dan Varga, chef and co-owner of Explorer Club restaurant, asserts, “CDHS was a good launching point for my career.” Dan is a former student in the Culinary Program.

Per Jeffrey Alles, a former student in the Information Technology Program, acknowledges that [the program] “Both technically and practically, CDHS prepared me to work in my dream field.” Jeffrey is employed at Spacevidcast as a contractor.

Per Waymon Harrell, a former student in the JROTC Program, states, “CDHS put me a step ahead of others in my field.” Waymon enlisted in the Navy and is a Navy parachute rigger.
BUSESS & ENTREPRENEURSHIP

- The program is project-based and utilizes real world scenarios.
- Students use hands-on strategies to solve complex problems of operating a business.
- Students learn about leadership, economics, marketing, business strategies, and wealth management.

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit  2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 9 Semester Hours

FINANCIAL SERVICES

- Introduces students to personal and commercial finance, investments, economics, and accounting.
- Prepares students for employment in the accounting, economics, finance, and banking career fields.
- Uses technology to solve real world financial problems.

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit  2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 9 Semester Hours

LOGISTICS

- Students studying this field will learn to manage the effective and efficient delivery of goods and services.

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit  2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 3 Semester Hours

Possible Occupations: Management Consultants, Sales Director, Sales Executive, Research and Development Manager, Product Manager, Risk Management Manager.
Information Technology

INTERACTIVE MULTI-MEDIA
- Students master skills to become proficient in creating, designing and producing interactive multimedia products and services.
- Students focus on the development of digitally-generated or computer-enhanced media.
- Students develop products and programs for business, training, entertainment (including animation), communications and marketing.

CERTIFICATION OPPORTUNITIES:
Adobe Certified Associate (ACA) in Photoshop
Dreamweaver & Flash

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit  2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 3 Semester Hours

IT SUPPORT AND SERVICES
- This program prepares students for careers in the exciting field of Information Technology. Students focus in the areas of operations, support, and deployment/integration.
- Students gain skills to implement computers systems including selection, assembly, upgrading, and troubleshooting.
- Students provide technical assistance for computer hardware, operating systems, and other related software.

CERTIFICATION OPPORTUNITIES:
Comp TIA A+

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit  2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 3 Semester Hours

NETWORKING SYSTEMS
- This program prepares students for a promising career in analysis, planning, and implementation of computer network systems.
- Students learn the necessary skills to analyze network systems needs for the design, installation, maintenance and management of network systems.
- Students develop the skills which will enable them to earn industry network certifications.

CERTIFICATION OPPORTUNITIES:
Cisco Certified Entry Networking Technician (CCENT) Network+
Cisco Certified Network Associate (CCNA) Comp TIA A+

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit  2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 6 Semester Hours
**Information Technology**

**PROGRAMMING AND SOFTWARE DEVELOPMENT**
- Students learn computer programming and the tools of the profession.
- Students learn the basic skills and behaviors of the business world.
- Students use project management techniques and create professional grade software products.

**CERTIFICATION OPPORTUNITIES:**
Sun Certified Java Association

**HIGH SCHOOL CREDIT (PER YEAR):**
1 technology credit    2 elective credits

**COLLEGE PARTNERS/CREDITS EARNED:**
Columbus State Community College: Up to 3 Semester Hours

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**Public Safety**

**Law Enforcement**
- Students learn the skills required to enter careers in law enforcement including criminal law, arrest, search and seizure, unarmed self-defense, traffic control, report writing and radio communication.
- Students must complete the Law and Public Safety Core year-one.
- Students must be 18 years of age during year-two training.

**HIGH SCHOOL CREDIT (PER YEAR):**
1 technology credit    2 elective credits

**COLLEGE PARTNERS/CREDITS EARNED:**
Columbus State Community College: Up to 16 Semester Hours

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**Possible Occupations:** Police Officer, Corrections Officer

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**Possible Occupations:** Software Architects, Systems Engineers, Software Engineers, IT Analysts
Personal Services

CULINARY ARTS
- Students develop skills and knowledge pertaining to the food service industry.
- Students learn and demonstrate sanitation and safety skills, operation of industry equipment, and food preparation techniques.
- Students plan, prepare and serve meals for staff, the community, and catered events.

CERTIFICATION OPPORTUNITIES:
ProStart Certificate of Achievement

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit  2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 6 Semester Hours

POSIBLE CAREERS: Chef, Caterer, Cosmetologist
COLUMBUS TEACHING ACADEMY

- Columbus Teaching Academy is a one-year program for high school seniors considering a career in education.
- Classes are held on the main campus of The Ohio State University. Students will be given an OSU e-mail account, Buck ID, and access to the OSU library.
- Students participate in three internships (Elementary, Middle and High School Special Needs)

POSSIBLE CAREER PATHS:
This program prepares students for a future career as an educator.

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit    2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Ohio State University: Up to 2 Semester Hours

EARLY CHILDHOOD EDUCATION

- This two-year program is designed to train students who have a desire to work with young children.
- Students learn to manage, guide and direct developmentally appropriate learning activities.
- Through role playing, making observations and internship participation, students learn about principles of child development and effective classroom management.

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit    2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 3 Semester Hours

Possible Careers: College Professors, Elementary School Teachers, High School Teachers
Engineering

ENGINEERING

- Students develop critical thinking and problem solving skills.
- Students create solutions to various residential architecture and commercial (civil) issues.
- Students use powerful parametric design software to create 3-D models for manufacturing, civil and architectural engineering projects.

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit    2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 4 Semester Hours

INDUSTRIAL TECHNOLOGY

- Students develop critical thinking and problem solving skills.
- Students design and fabricate projects utilizing a state-of-the-art manufacturing lab.
- Students gain working knowledge of CNC (Computer Numeric Control) programming, manual machining and welding.

HIGH SCHOOL CREDIT (PER YEAR):
1 technology credit    2 elective credits

COLLEGE PARTNERS/CREDITS EARNED:
Columbus State Community College: Up to 3 Semester Hours

Possible Occupations: Project Engineer, Civil Engineer, Structural Engineer, Environmental Engineer
Student Organizations

**FFA (formerly Future Farmers of America)**
A co-curricular career-technical student organization which serves as an integral component of agricultural education programs. This program helps students sharpen their leadership, citizenship, and cooperation skills through participation in various local, state, and national activities.

**Family, Career, and Community Leaders of America (FCCLA)**
A co-curricular career-technical student organization which serves as an integral component of family and consumer science education, hospitality, tourism, and early childhood education programs. The organization helps youth assume active roles in society through personal growth, family life, career preparation and community involvement through participation in various local, state, and national activities.

**Tourmisters**
A non-profit educational organization that teaches public speaking and leadership skills through a worldwide network of meeting locations.

**Exploring Program of Central Ohio**
Exploring is Learning for Life's career education program for young men and women who are 14 (and have completed the eighth grade) or 15 to 21 years old. Exploring's purpose is to provide experiences to help young people mature and to prepare them to become responsible and caring adults. Explorers are ready to investigate the meaning of interdependence in their personal relationships and communities.

Adults are selected by the participating organization for involvement in the program. Color, race, religion, gender, sexual orientation, ethnic background, economic status, and citizenship are not criteria for participation.

**Business Professionals of America (BPA)**
A co-curricular career-technical student organization which serves as an integral part of the business education program and is designed to develop and enhance leadership, citizenship, academic, and technological skills and competency in business and office occupations.

**SKILLS USA-VICA**
A co-curricular career-technical student organization which serves as an integral component of industrial and engineering systems and health sciences career programs. Emphasis on leadership, dignity of work, good workmanship, citizenship, teamwork, and respect and concern for others is integrated into the classroom activities.

**Future Educators of America (FEA)**
FEA is an organization for middle and high school students that provides opportunities to explore teaching as a career option. FEA helps students gain a realistic understanding of the nature of education and the role of the teacher and offers schools and communities a chance to shape their own future by shaping the future of the education profession. FEA provides the following for students:

- Helps develop leadership qualities
- Offers service learning opportunities
- Sponsors competitive events and state and national conventions
- Can be a catalyst for financial aid

* Lab fees are associated with all career center programs and cover associated costs for specific tools unique to the area of specialization, uniforms, student organization membership etc. Please contact the program instructor for details.*
Business Partners

American Red Cross
Battelle
Central Ohio Public Safety Support
Central Ohio Technical College
Central Ohio Workforce Investment Corporation (COWIC)
Chase Bank
Children First
City of Columbus
Columbus City Firefighter’s Association
Columbus Division of Police
Columbus Museum of Art
Columbus Parks and Recreation
Columbus State Community College
Donato’s
Due Amici Restaurant
Education First Credit Union
Explorer Program
Explorer’s Club Restaurant
Fifth Third Bank
Franklin County Auditor’s Office
Franklin County Courts
Franklin County Sheriff’s Office
Franklin County Treasurer’s Office
Franklin University
Grange Insurance
Grant Hospital
HAWA Consulting Engineers
Heavenly Kids Center for Learning
Henkels & McCoy Training
Huntington National Bank
Moody & Nolan Architects
National Restaurant Association
Nationwide Insurance
Ohio Clerk of Courts
Ohio Department of Development
Ohio Restaurant Association
Ohio State University
Online Computer Library Center (OCLA)
Ronald McDonald House
S & K Children’s Academy
Squire, Sanders & Dempsey, LLP
St. John’s Community Kitchen
Stantec Consulting Service
State Auto
Student to Officer Program (S.T.O.P.)
Synergy
Toastmasters
United Way
United Way
White Castle
Visit: [http://www.columbus.k12.oh.us](http://www.columbus.k12.oh.us)

- Click on the “Parents and Students” box
- Scroll down under “Announcements”
- Click on “Career Center Application”

*If you applied for a career center last year, you must see your CCRC to complete a new application.

<table>
<thead>
<tr>
<th>Your User Name is: ccsstudent</th>
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<tr>
<td>Your Password is: ccs101</td>
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<tr>
<td>On the next screen, click on “STUDENT ACCESS”</td>
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<tr>
<th>Enter your Pupil Number and your Birthdate (mm-dd-yyyy)</th>
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<td>*If you can’t log-in, please see your CCRC.</td>
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<td>CLICK “SUBMIT”</td>
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<td>On the next screen, CLICK “CREATE”</td>
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<th>You may apply for up to 3 career center programs.</th>
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<tr>
<td>Choose your desired Program Choice(s) and your Specialization Area(s).</td>
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<tr>
<td>After making your choices, click “Submit” (Do not worry if it seems as if your choices have “disappeared”. You will get a message if you submitted your application correctly!)</td>
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<tr>
<td>After you click “Submit”, click the Print Icon</td>
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You must take your printed application home to be signed by your parents/guardians. Return your signed application to your CCRC. Your application will NOT be accepted until your signed application is returned.