Associate in Applied Business

Program Description
The Computer Science Technology program emphasizes the computing and problem solving skills used by successful computer professionals. In addition to studying current technologies, students develop the ability to learn new technologies, complete projects, work in teams, and other skills valued in an ever-changing workplace. Students take courses in networking, programming, and database and website management to develop a broad set of skills in the profession. In addition, the student will focus on one or more of these areas by choosing technical electives that best suit his or her career goals.

In order to support a comprehensive understanding of the technology, the curriculum includes laboratory courses which provide hands-on experiences in identifying and maintaining the component parts of computing equipment and the processes and procedures for connecting networks using routers and related equipment.

Career Opportunities
Graduates find employment as help desk technicians, entry level programmers, web site developers, and network technicians. Help desk technicians provide office or phone-based technical support in office application software, operating systems, and may assist with routine computer-related maintenance functions on hardware and peripheral devices such as printers. Programmers and web site developers may work in their own business but are often employed by a company or organization to maintain and support a variety of administrative needs. Network technicians are knowledgeable of local area networks (LAN), wide area networks (WAN) and servers needed to support a system of office and corporate computing connectivity. Each of these areas experienced an increase in the number of job openings in recent years.

Degree Requirements

General Education Requirements
ATCH 1030: Financial Accounting Procedures I
ATCH 1040: Financial Accounting Procedures II
COMS 1030: Public Speaking
CTCH 1250: Introduction to Computers
ECON 1030: Principles of Microeconomics
ENG 1510: Writing & Rhetoric
MATH 1200 or higher: College Algebra
MATH 2500: Introduction to Statistics
Tier II Social Science Elective

Core Technical Requirements
CTCH 1270: Introduction to Website Management
CTCH 1330: Intro to Computer Programming
CTCH 2140: Computer System Maintenance
CTCH 2500: System Analysis
CTCH 2850: Database Management Systems
Complete one of the following:
CTCH 1600: Network Concepts I
CTCH 1891: Internetworking I
Electives in the Major
Complete 15 credit hours (approximately 5 courses) from a wide variety of courses identified as electives in the major, including but not limited to:

CTCH 1610: Network Concepts II
CTCH 2330: Survey of Emerging Languages
CTCH 2400: C Programming
CTCH 2410: Visual BASIC Programming
CTCH 2420: Java Programming
CTCH 2640: Computer and Network Security
CTCH 2650: Network Design and Implementation
CTCH 2700: Network Management / Administration
CTCH 2800: Operating Systems
CTCH 2860: Database Application Development
CTCH 2870: Database Administration
CTCH 2900: Special Topics
EM 2120: Intro to Multimedia Production
EM 2150: Intro to Website Design
EM 2180: Intro to Digital Media

Associate's to Bachelor Degree Options
CTCH graduates may opt to pursue the following bachelor's degrees:
Information and Telecommunication Systems (Athens Campus)
Organizational Communications (Lancaster Campus)
Technical and Applied Studies (Lancaster Campus)
Specialized Studies (Lancaster Campus)

Admission Requirements
To qualify for admission, a student must be a high school graduate or have completed the requirements for the GED.

The Possibilities are Endless:
Ohio University Lancaster offers all the benefits and services of a major university; the convenience of a community college; the affordability of state-assisted tuition; the hands-on learning opportunities of a technical school; and the academic foundation of a university education.

Situated on 113 acres on the northern edge of Lancaster, the campus serves students from throughout central Ohio. The two largest buildings, Brasee Hall and Herrold Hall, house classrooms, state-of-the-art laboratories, faculty offices, a library, art studios, an art gallery, a gymnasium, theatre, an exercise room, a dance studio, a student lounge, and a bookstore. The library offers more than 60,000 volumes, research databases, OhioLINK access, and a learning commons.

All of the Lancaster Campus faculty members hold at least a master's degree in their fields. More than half of the professors teaching in traditional academic areas such as the humanities, the social/behavioral sciences, the natural sciences, and mathematics hold doctoral degrees. All of the technical faculty have master's degrees and bring employment-oriented experience to their labs and classrooms.

Financial Aid Resources
Ohio University Lancaster Campus and Pickerington Center students are eligible for many different financial aid resources, including:

- Federal Grants and Loans
- State Grants and Loans
- Ohio University Scholarships
- Local Scholarships (Lancaster Campus, Fairfield County Foundation and more)

To begin the process, please apply for financial aid at www.fafsa.ed.gov as soon as possible. For Ohio University Lancaster Campus, use the University Federal School Code 003104.

For more information about the financial aid process, contact our Financial Aid Office at 740.654.6711

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