

# Early Information Technology Program

An innovative partnership that challenges the status quo for college Access and Affordability while significantly increasing the quantity, quality, and diversity of IT Talent.



# transforming

the state of the information  
technology workforce



The Early IT initiative aims at transforming the state of the information technology workforce by increasing the quantity, quality, and diversity of the IT talent pool through providing access to affordable high quality education and high paying careers.

The initiative is an effective, scalable, and sustainable talent development ecosystem that is integral to Ohio's and the nation's economic competitiveness.

“ BY BREAKING DOWN THE BARRIERS BETWEEN K-12 AND HIGHER EDUCATION, THAT IS AN INNOVATION THAT IS GOING TO KEEP OUR SOCIETY HEALTHY. ”

UC PRESIDENT NEVILLE PINTO



This program is centered around key innovative concepts that significantly reduce the total cost of the bachelor's and master's degrees **ECONOMIC EFFICIENCY** while improving the level of job readiness for the graduates

**EDUCATIONAL EXCELLENCE**



### THE PROGRAM TODAY



UNIVERSITY OF CINCINNATI,  
+12 COMMUNITY COLLEGES,  
+ 26 SCHOOL DISTRICTS



30+ HIGH SCHOOL  
TEACHERS TRAINED



1,000  
STUDENTS ENROLLED



# Early IT Program Details

Complete the following **9 UC COURSES,** or **ITS EQUIVALENT** at your school, with a minimum grade of C



**IT1050**  
**FUNDAMENTALS OF INFORMATION TECHNOLOGY**



**IT1090C**  
**COMPUTER PROGRAMMING I**



**IT1080C**  
**COMPUTER NETWORKING**



**IT2040C**  
**FUNDAMENTALS OF WEB DEVELOPMENT**



**IT1081C**  
**SYSTEM ADMINISTRATION**



**IT2060C**  
**DATABASE MANAGEMENT I**



**ENGL1001**  
**ENGLISH COMPOSITION**



**MATH1021**  
**COLLEGE ALGEBRA OR**  
**MATH1026**  
**PRECALCULUS**



**HISTORY/ SOCIAL SCIENCES/ FINE ART OR**  
**COMM1076**  
**INTRO TO INTERPERSONAL COMMUNICATION**

# at a glance

- Partnership with school districts to deliver the first year of the IT bachelor's degree in high schools and offer automatic admission to students who successfully complete it;
- A competency-based graduate certificate program to qualify high school teachers, enabling them to teach the first year IT college courses;
- Integration of a 20-month paid work experience (co-op) with average pay of \$45,000 during the IT bachelor's degree program;
- Partnership with community colleges to be a learning center for online learners pursuing the IT bachelor's degree to increase transition and completion rates;
- Integration of 5 Master's degree options into the Bachelor's to efficiently increase academic rigor;
- Utilize competency and project-based pedagogy to provide hands-on information technology education.

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The ecosystem is a partnership between the University, K12 school districts, community colleges, and the industry to increase the quantity, quality, and diversity of the IT talent pool. High school students are automatically accepted to complete a bachelor's, a master's, and 20 months of work experience in just four years after high school. Adult learners can complete associate's, bachelor's, master's, and 12 months of work experience without disrupting their family or work routines.

The Early IT ecosystem continues to attract partners and in its third year includes, the University of Cincinnati, 12 community colleges, and 26 school districts. More than thirty high school teachers completing the training and over 1,000 students enrolled in the fall of 2019. The initiative aims to partner with over 70 school districts enrolling close to 5,000 students and growing capacity to graduate close to 2,000 IT professionals annually in ten years.

## 10 YEAR GOAL

73

SCHOOL  
DISTRICT PARTNERS

5K

5,000 STUDENTS  
ENROLLED

2K

2,000  
IT PROFESSIONALS  
GRADUATING ANNUALLY

**HERE IS HOW YOU**

# Earn College Credit

- UC and your high school have worked together to create several options to complete these nine courses for college credit. Contact your school IT teacher or guidance counselor for the details. In addition, we welcome your questions to Ms. Alana Calhoun, the Early IT program advisor.
- **For more information** about the Early IT Program or if your high school is not an Early IT partner, **please contact [calhoul@uc.edu](mailto:calhoul@uc.edu)**.

## Students who Earn a C or Above in the 9 Courses Prior to Graduating High School

- Receive automatic admission to any of the **BSIT technical areas** of Cybersecurity, Software Application Development, Networking/Systems, Game Development & Simulation, or Data Technologies at UC
  - Are eligible to complete their first paid co-op\* in the summer after high school
- \* Students wishing to complete their first co-op the summer after high school are required to complete the Introduction to Co-op Course as well as complete all pre co-op activities in fall of their senior year. Contact your Early IT program advisor in January of your junior year.

School of  
**Information Technology**  
Experience+

*Collaborate | Innovate | Apply*

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