



# Computer Science Pathway

## Degree and Certificate Programs



### We are living in the digital age!

Technology takes up nearly every aspect of our lives in one way or another. The career prospects for those who earn their Computer Science degree are excellent with **in-demand jobs and high-paying salaries.**

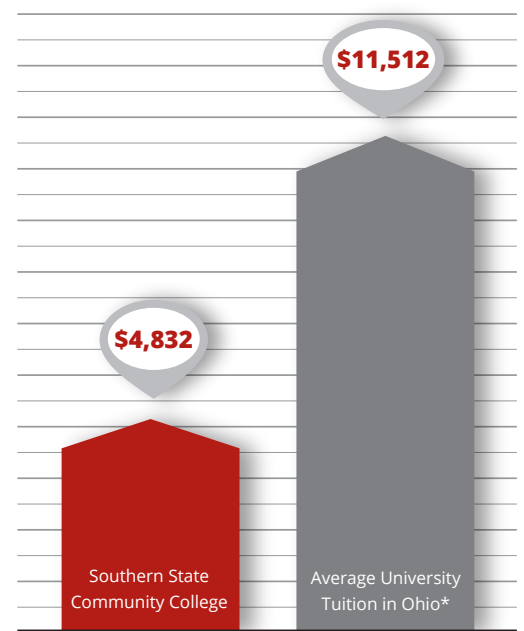
Every industry uses computers in some way. Problems in science, engineering, health care, and so many other areas can be solved by computers. **Ready to get started** on your Computer Science pathway?



## SOUTHERN STATE

### COMPUTER SCIENCE

### TUITION COMPARISON



\* undergraduate annual tuition for university main campuses  
Source: Fall 2020 Survey of Student Charges  
Ohio Department of Higher Education

*Southern State Community College does not discriminate based on race, color, national origin, sex, disability, or age in its programs and activities. The following people have been designated to handle inquiries regarding the non-discrimination policies: James Bland, Vice President of Student Affairs & Enrollment Management | Title IX Lead Coordinator 100 Hobart Drive, Hillsboro, OH 45133 | [jbland@sec.edu](mailto:jbland@sec.edu) | 800.628.7722, Ext. 2510 or Mindy Markey-Grabill, Executive Director of Human Resources | Title IX Coordinator 100 Hobart Drive, Hillsboro, OH 45133 | [mmarkey@sec.edu](mailto:mmarkey@sec.edu) | 800.628.7722, Ext. 2550.*

# Computer Science Pathway Degree Program

## COMPUTER TECHNOLOGY - 455B

Associate of Applied Science Degree

### Fall Semester Year 1

PHIL 1107  
CSCI 2246  
ENGL 1101  
CSCI 1150  
CSCI 2275  
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Ethics  
IT Fundamentals  
English Composition I  
IT Essentials  
Professionalism  
General Elective

### Spring Semester Year 1

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MATH 1141  
ENGL 1102  
PSYC 1110

Student Pick 1 (*Class 1 of 3*)  
Student Pick 2 (*Class 1 of 3*)  
College Algebra  
English Composition II  
Principles of Psychology

### Fall Semester Year 2

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CSCI 1155  
PHYS 2201  
PHYS 2211  
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Student Pick 1 (*2 of 3*)  
Student Pick 2 (*2 of 3*)  
Linux  
General Physics  
General Physics Lab  
CSCI Elective

### Spring Semester Year 2

CSCI 2234  
CSCI 2290  
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COMM 1110  
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Server Administration  
Computer Information  
Technology Capstone  
Student Pick 1 (*3 of 3*)  
Fundamentals of Effective  
Speech  
Student Pick 2 (*3 of 3*)

### Students Pick TWO Focus Areas (after first year fall semester)

#### Focus 1 - Networking

Class 1 - CSCI 2233 - CISCO Introduction to Networks  
Class 2 - CSCI 2236 - CISCO Routing and Networking  
Class 3 - CSCI 2239 - CISCO Enterprise Networking, Security,  
and Automation 4

#### Focus 2 - Programming

Class 1 - CSCI 1121- Introduction to Computer Programming  
Class 2 - CSCI 2263 - HTML 5 Programming  
Class 3 - CSCI 2205 - Mobile Device Programming

#### Focus 3 - Cybersecurity

Class 1 - CYBR 1121 -Introduction to Cybersecurity  
Class 2 - CYBR 2220 - Ethical Hacking  
Class 3 - CYBR 2230 - Advanced Cybersecurity

#### Focus 4 - Robotics

Class 1 - EENG 1105 - DC Circuits & Devices  
Class 2 - CSCI 2260 - MicroController Programming  
Class 3 - EENG 2205 - Digital Circuits

Earn your **Bachelor's Degree** in **Computer Science** at any of the following schools that SSCC is partnered with for seamless transfer:



### FACULTY CONTACT

Josh Montgomery, Assistant Professor,  
Computer Science  
800.628.7722 x3678  
jmontgomery@sscc.edu  
*Computer Information Technology*  
*Cyber Security & Forensics*