

Edison Community College

Wright State University

College of Engineering and Computer Science
Department of Computer Science & EngineeringAssociate of Applied Business
Computer Information Technology, Programming OptionBachelor of Arts
COMPUTER SCIENCE

Edison Community College Courses

Wright State University Courses

First Semester	Credit Hours	
CIT 110S Computer Concepts and Applications	3	CS 1010 (General Elective*)
CIT 111S Programming Logic and Design	3	General Elective*
ENG 121S Composition I	3	ENG 1100 Academic Writing & Reading
PHI 123S Introduction to Ethics	3	WSU Core Arts/Humanities
MTH 128S Precalculus	5	MTH 1340 Precalculus (General Elective*)
Total Hours	17	

Second Semester	Credit Hours	
CIT 211S Operating Systems Concepts and CIT 212S Introduction to Linux Note: Both required to equate to CEG 2350	3+3 (4 WSU)	CEG 2350 OS Concepts and Usage
CIT 214 S Networking Essentials	3	CEG 2400 Introduction to PC Networking
CIT 230S Java Programming	3	CS 1160 Introduction to Computer Programming
MTH 226S Calculus for Business and Life Sciences	4	MTH 2280 Business Calculus
Total Hours	16	

Third Semester	Credit Hours	
CIT 222S Introduction to Programming C++	3	CEG 2170 Intro to C Programming for Scientists and Engineers (CS/CEG Technical Elective)
CIT 225S Visual Basic Programming or CIT 280S Mobile Applications Development	3	CS 2160 Visual Basic Programming (CS/CEG Technical Elective)
COM 121S Fundamentals of Communication	3	COM 1010 Essentials of Public Address (WSU Additional Core)
ENG 125S Technical Writing	3	EGR 3350 Technical Communication for Engineers and Scientists
MKT 218S Customer Service	1	General Elective*
MTH 125S General Statistics	3 (4 WSU)	STT 1600 Statistical Concepts
Total Hours	16	

Fourth Semester	Credit Hours	
ACC 121S Introduction to Financial Accounting	4	General Elective*
BUS 221S Principles of Organizational Behavior	3	MGT 3100 Leadership, Management and Organizational Behavior (General Elective*)
PSY 121S Introduction to Psychology	3	PSY 1010 Introduction to Psychology
CIT 223S Advanced Programming Using C#	3	CS 1161 Introduction to Computer Programming II (substitute for CS 1180 Computer Science I)
CIT 216S Capstone Project or CIT 291L and CIT 291R Internship	3	CS/CEG Technical Elective 2000/3000 level
Total Hours	16	

*This major only requires 18 hours of General Electives

The following additional courses will be required to complete the B.A in Computer Science at Wright State University.

Wright State University	Credit Hours
WSU Core Global Studies	6
WSU Core Social Sciences	3
WSU Natural Sciences	8
CS 1181 Computer Science II	3
CS 2800 Web Design Fundamentals	3
CS 3100 Data Structures and Algorithms	3
CS 3700 Intro to Oracle/SQL Databases	3
CS 4000 Social Implications Computing	3
CEG 3310 Computer Organization	4
CEG 3120 Intro to the Design of Inf Tech Systems	3
CS/CEG Technical Electives (15 hours at 4000 level)	15
Quantitative Reasoning	6

Student are advised to complete the following right State Courses while at Edison Community College:

CS 1181 Computer Science II

CS 2200 Discrete Structures and Their Algorithms (pre-requisite is CCSCC MTH 1280)

Students may need to complete additional course work as required by the degree program then in effect. To earn the BACS degree, students must meet the current graduation requirements.