

COMPUTER SCIENCE FOUNDATIONS (UNDERGRADUATE CERTIFICATE)

Overview

The Certificate in Computer Science Foundations is earned at the end of the successful completion of 22-24 hours, 12-14 hours in academic core classes and 10 hours of major related coursework. This program is designed for current Dual Enrollment students to prepare them to continue higher education. (but it is not limited for Dual Enrollment students)

Program of Study

| Code | Title | Credit Hours |
|--|---|--------------|
| English | | |
| ENGL 1101 | English Composition I (C or better required) | 3 |
| Mathematics | | |
| Select one of the following mathematics courses: | | 3-4 |
| MATH 1111 | College Algebra | |
| MATH 1113 | Pre-Calculus | |
| MATH 1131 | Calculus with Analytic Geometry I | |
| Social Sciences, Fine Arts, and Humanities | | |
| Select one Social Science, Fine Arts, or Humanities Course | | 3 |
| Choose from courses approved for Area C or Area E credit in any B.S. Computer Science track. | | |
| Science | | |
| Select one Science course with or without a lab | | 3-4 |
| Choose from Science courses approved for Area D in any B.S. Computer Science track. | | |
| Computer Science | | |
| C or better required in each course | | |
| CPSC 1301K | Computer Science I | 4 |
| Select two of the following computer science courses: | | 6 |
| CPSC 1105 | Introduction to Computing Principles and Technology | |
| CPSC 1302 | Computer Science II | |
| CYBR 2159 | Fundamentals of Computer Networks | |
| Total Credit Hours | | 22-24 |