

CERTIFICATE OF ACHIEVEMENT



COMPUTER INFORMATION TECHNOLOGY: COMPUTER SYSTEMS

This certificate is designed to prepare students for employment in computer applications with emphasis in programming language C++, Java, or Python.

To acquire the **Certificate of Achievement in Computer Information Technology: Computer Systems**, it is necessary to complete the following courses:

| Required Courses | | Units | N | IP | C |
|--|---|--------------|---|----|---|
| CIT 101 | Introduction to Computer Information Technology | 3 | | | |
| CIT 111 | Introduction to Programming | 3 | | | |
| CIT 119 | Microsoft® Access® | 3 | | | |
| CIT 200 | *Systems Analysis and Design | 3 | | | |
| Choose one area of specialization below: | | | | | |
| C++ Programming Option | | | | | |
| CIT 125 | Introduction to C++ Programming | 4 | | | |
| CIT 126 | *Advanced C++ Programming | 4 | | | |
| Java Programming Option | | | | | |
| CIT 135 | Introduction to Java Programming | 4 | | | |
| CIT 136 | *Advanced Java Programming | 4 | | | |
| Python Programming Option | | | | | |
| CIT 127 | *Python Programming I | 3 | | | |
| CIT 128 | *Python Programming II | 3 | | | |
| Total units needed for Certificate of Achievement | | | | | |
| | | 18-20 | | | |
| Units Completed | | | | | |
| *Prerequisite/Corequisite | | | | | |