

## Short Certificate - Child Care and Development: Advanced Paraprofessional/Teacher Aide

|   | credit hours |
|---|--------------|
| <b>Required courses</b> .....                             | <b>21</b>    |
| ENG 102 English Composition II .....                      | 3            |
| MTH 231 Math for the Elementary Teacher I .....           | 3            |
| MTH 232 Math for the Elementary Teacher II .....          | 3            |
| PHS 111 Physical Science I .....                          | 3            |
| CHD 204 Methods and Materials for Teaching Children ..... | 3            |
| CHD 210 Educating Exceptional Young Children .....        | 3            |
| CHD 217 Math and Science for Young Children .....         | 3            |
| <b>Additional certificate requirements</b> .....          | <b>3</b>     |
| *ORI 101 Orientation to College .....                     | 1            |
| WKO 101 Workplace Skill Development .....                 | 2            |
| <b>Total</b> .....  | <b>24</b>    |

## Short Certificate - Computer Information Systems: Networking Technology option

The CISCO Networking Technology certificate program is designed for persons seeking employment, for professional development, or for persons seeking the IC3, A+ and CISCO CCENT professional certifications. Credits earned may be applied toward the Associate in Applied Science degree in Computer Information Systems with the CISCO Networking option.

|   | credit hours |
|---|--------------|
| <b>Required courses</b> .....           | <b>15</b>    |
| CIS 149 Introduction to Computers ..... | 3            |
| CIS 268 Software Support .....          | 3            |
| CIS 269 Hardware Support .....          | 3            |
| CIS 270 CISCO 1 .....                   | 3            |
| CIS 271 CISCO 2 .....                   | 3            |
| <b>Total</b> .....                      | <b>15</b>    |

## Certificate - Computer Information Systems: Information Technology option

The Information Technology certificate provides the necessary competencies for individuals to be employed as computer programmers in the information technology industry.

|  | credit hours |
|--|--------------|
| <b>Required general education courses</b> .....                    | <b>12</b>    |
| ENG 101 English Composition I .....                                | 3            |
| MTH 100 Intermediate College Algebra or higher level MTH .....     | 3            |
| SPH 107 Fundamentals of Public Speaking .....                      | 3            |
| or SPH 106 Fundamentals of Human Communication (Recommended) ..... | 3            |
| CIS 146 Microcomputer Applications .....                           | 3            |
| <b>Required courses</b> .....                                      | <b>22</b>    |
| CIS 130 Introduction to Information Systems .....                  | 3            |
| CIS 149 Introduction to Computers .....                            | 3            |

\* Students may use ORI 105, Orientation and Student Success, to satisfy this requirement. Enrollment in this three credit-hour class will add two semester hours to the student's program total.

