



Certificate of Proficiency
Information Communication Technology (12 ch)
Technical Certificate
Computer Networking Technology (33 ch)
Associate of Applied Science
Computer Networking Technology (60 ch)

Program Description:

Students requiring developmental coursework may not be able to complete this program of study in four (4) semesters and a summer term. Developmental courses do not count toward total degree hours. Students having completed college-level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. General education courses may be interchanged between semesters.

Possible Pre-requisites:

| Course # | Course Title |
|----------|----------------------|
| ENG0051 | Writing Seminar |
| ENG0053 | English Fundamentals |

| Year 1 | | | | | |
|---|----------------------------------|-----------|--------------------|---|---------------|
| First Semester | | | Second Semester | | |
| Course No. | Course Name | Hours | Course No. | Course Name | Hours |
| CNT1403 | Introduction to Networking | 3 | CNT1613 | Routing and Switching Essentials | 3 |
| CNT1503 | PC Troubleshooting & Repair I | 3 | CNT2203 | PC Troubleshooting & Repair II | 3 |
| CNT1903 | Cabling Standards | 3 | CNT2303 | LAN Administration | 3 |
| MATH1013 | Mathematical Applications | 3 | ENG1203 | Workplace Essentials | 3 |
| | | | MIS1033 | Introduction to Computers | OR 3 OR |
| | | | MIS1443 | Technical Computer Applications | |
| | | | MIS1503 | Microcomputer Applications | |
| Total Hours | | 12 | Total Hours | | 15 |
| Certificate of Proficiency: Information Communication Technology 0360/15.1202 | | | | | |
| Summer Term | | | | | |
| First Summer Term | | | Second Summer Term | | |
| Course No. | Course Name | Hours | Course No. | Course Name | Hours |
| CNT1303 | PHP Essentials | 3 | | | |
| CNT2223 | Introduction to Network Security | 3 | | | |
| Total Hours | | 6 | Total Hours | | |
| Technical Certificate: Computer Networking Technology 2151/15.1202 | | | | | |
| Year 2 | | | | | |
| First Semester | | | Second Semester | | |
| Course No. | Course Name | Hours | Course No. | Course Name | Hours |
| CNT2103 | Scaling Networks | 3 | CNT2313 | Troubleshooting Processes | 3 |
| CNT2323 | Special Topics in IT | 3 | CNT2413 | Connecting Networks | 3 |
| CNT2503 | Health Information Networking | 3 | CNT2433 | Introduction to Linux | 3 |
| ENG1003 | Composition I | 3 | CNT2443 | Internship: Computer and Network Technology | OR 3 |
| | Social Science Elective | 3 | | Approved Elective | |
| Total Hours | | 15 | Total Hours | | 12 |

ADDITIONAL NOTES:

Social Science Elective: ECON, SOC, PSY, HIST, POSC, GEOG