



NETWORKING/COMPUTER ELECTRONICS SPECIALIZATION

Electronics and Advanced Technologies

| Associate of Applied Science Degree | | | | |
|-------------------------------------|------|------|--|-----------|
| Semester I | | | | |
| + | CETT | 1403 | DC Circuits | 4 |
| + | MATH | 1314 | College Algebra | 3 |
| | ENGL | 1301 | English Composition I | 3 |
| | CPMT | 1445 | Computer Systems Maintenance | 4 |
| | | | | ---- |
| | | | | 14 |
| Semester II | | | | |
| + | CETT | 1405 | AC Circuits | 4 |
| | COSC | 1315 | Fundamentals of Programming | 3 |
| + | CETT | 1425 | Digital Fundamentals | 4 |
| | | | Oral Communication Elective ¹ | 3 |
| | | | | ---- |
| | | | | 14 |
| Semester III | | | | |
| + | CETT | 1429 | Solid State Devices | 4 |
| + | CETT | 1445 | Microprocessor | 4 |
| | | | Humanities/Fine Arts Elective ¹ | 3 |
| + | ITNW | 1325 | Fundamentals of Networking Technologies | 3 |
| | | | | ---- |
| | | | | 14 |
| Semester IV | | | | |
| + | ELMT | 2441 | Electromechanical Systems | 4 |
| + | INTC | 2471 | Data Acquisition and Measurement | 4 |
| + | ITMT | 1340 | Managing and Maintaining a Microsoft Windows Server 2003 Environment | 3 |
| + | ITNW | 2321 | Networking with TCP/IP | 3 |
| | | | | ---- |
| | | | | 14 |
| Semester V | | | | |
| + | CETT | 1457 | Linear Integrated Circuits | 4 |
| + | PHYS | 1401 | General College Physics I | 4 |
| | | | Social/Behavioral Science Elective ¹ | 3 |
| +# | ITNW | 2405 | Network Administration for Novell Netware | 4 |
| | | | | ---- |
| | | | | 15 |
| TOTAL CREDIT HRS. | | | | 71 |

| Certificate | | | | |
|--------------------------|------|------|--|-----------|
| Semester I | | | | |
| + | CETT | 1403 | DC Circuits | 4 |
| + | CETT | 1425 | Digital Fundamentals | 4 |
| | CPMT | 1445 | Computer Systems Maintenance | 4 |
| | | | | ---- |
| | | | | 15 |
| Semester II | | | | |
| + | CETT | 1405 | AC Circuits | 4 |
| | COSC | 1315 | Fundamentals of Programming | 3 |
| + | ITNW | 1325 | Fundamentals of Networking Technologies | 3 |
| | | | | ---- |
| | | | | 10 |
| Semester III | | | | |
| + | CETT | 1429 | Solid State Devices | 4 |
| + | CETT | 1457 | Linear Integrated Circuits | 4 |
| +# | ITMT | 1340 | Managing and Maintaining a Microsoft Windows Server 2003 Environment | 3 |
| + | ITNW | 2321 | Networking with TCP/IP | 3 |
| | | | | ---- |
| | | | | 14 |
| TOTAL CREDIT HRS. | | | | 36 |

+ Prerequisite: See Course Descriptions

Capstone Course

¹Select from the appropriate section of the General Education Course List