



Computer Networking and Electronics Technology: Network Maintenance and Digital Technologies Certificate of Achievement

A total of 24 units is required for the certificate.

Required core courses (18 units):

| COURSE | TITLE | UNITS |
|---------------------------------|--|-------|
| <input type="checkbox"/> EL 105 | PC Preventive Maintenance and Upgrading | 3 |
| <input type="checkbox"/> EL 106 | Networking Essentials 1 | 3 |
| <input type="checkbox"/> EL 107 | Networking Essentials 2 | 3 |
| <input type="checkbox"/> EL 108 | Networking Essentials 3 | 4 |
| <input type="checkbox"/> EL 118 | Fundamentals of DC and AC Circuits Analysis | 3 |
| <input type="checkbox"/> EL 119 | Fundamentals of DC and AC Circuits Analysis Laboratory | 2 |

Plus a minimum of 3 units selected from the following:

| COURSE | TITLE | UNITS |
|-----------------------------------|-------------------------------------|-------|
| <input type="checkbox"/> BUS 101 | Introduction to Business | 3 |
| <input type="checkbox"/> CBIS 101 | Computer Concepts & Applications | 3 |
| <input type="checkbox"/> CS 102 | Introduction to Computing with HTML | 3 |
| <input type="checkbox"/> EL 125 | Digital Devices and Circuits and | 3 |
| <input type="checkbox"/> EL 126 | Digital Devices and Circuits Lab | 2 |

Plus a minimum of 3 units selected from the following:

| COURSE | TITLE | UNITS |
|---------------------------------|-------------------------------|-------|
| <input type="checkbox"/> CS 111 | Fundamentals of Programming 1 | 4 |
| <input type="checkbox"/> EL 370 | SkillsUSA | 3 |



Computer Networking and Electronics Technology: Network Maintenance and Digital Technologies Certificate of Achievement

Suggested Course Sequence

The "Suggested Course Sequence" is an example of how to complete the requirements plus any additional general education that may be needed. If you would like to create a personalized Student Education Plan (SEP), schedule a meeting with a counselor.

FALL SEMESTER (YEAR 1)

| Course | Title | Units |
|-----------------------------------|---|----------|
| <input type="checkbox"/> EL 105 | PC Preventive Maintenance and Upgrading | 3 |
| <input type="checkbox"/> EL 106 | Networking Essentials 1 | 3 |
| <input type="checkbox"/> BUS 101 | Introduction to Business | 3 |
| <input type="checkbox"/> CBIS 101 | Computer Concepts & Applications | 3 |
| <input type="checkbox"/> CS 102 | Introduction to Computing with HTML | 3 |
| Total Units | | 9 |

Tasks:

- Complete Career Exploration
- Meet with Counselor (SEP)
- Visit library and tutoring
- Review Financial Aid Requirements
- Apply AHC Scholarship

SPRING SEMESTER (YEAR 1)

| Course | Title | Units |
|---------------------------------|-------------------------------|------------|
| <input type="checkbox"/> EL 107 | Networking Essentials 2 | 3 |
| <input type="checkbox"/> CS 111 | Fundamentals of Programming 1 | 4 |
| <input type="checkbox"/> CS 161 | Discrete Structures | 3 |
| <input type="checkbox"/> EL 370 | SkillsUSA | 3 |
| Total Units | | 6-7 |

Tasks:

- Set up Jobspeaker
- Attend Career Exploration Day
- FAFSA or Dream Act due March 2
- Apply AHC Scholarship

FALL SEMESTER (YEAR 2)

| Course | Title | Units |
|---------------------------------|--|-------|
| <input type="checkbox"/> EL 108 | Networking Essentials 3 | 4 |
| <input type="checkbox"/> EL 118 | Fundamentals of DC and AC Circuits Analysis | 3 |
| <input type="checkbox"/> EL 119 | Fundamentals of DC and AC Circuits Analysis Laboratory | 2 |

Total Units

7

Tasks:

- Meet with a Counselor
- Develop Resume at Career Center
- Utilize Job Search Resources
- Review Financial Aid Requirements
- Attend Job Fair/Career Exploration Day
- Apply for Certificate with Counseling