



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



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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 and 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