



Computer Networking and Electronics Technology: Digital Systems Technician Certificate of Achievement

Program Requirements:

"Program Requirements" specify the courses required for this program. See suggested course sequence for additional information.

A major of 22 units is required for the certificate of achievement.

Required core courses (22 units):

COURSE	TITLE	UNITS
<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
<input type="checkbox"/> EL 122	Electronic Devices and Circuits	3
<input type="checkbox"/> EL 123	Electronic Devices and Circuits Laboratory	2
<input type="checkbox"/> EL 125	Digital Devices and Circuits	3
<input type="checkbox"/> EL 126	Digital Devices and Circuits Lab	2
<input type="checkbox"/> EL 135	Electronic Measurement and Instrumentation	3
<input type="checkbox"/> EL 136	Electronics Measurement and Instrumentation Laboratory	2
<input type="checkbox"/> EL 146	Electronic Product Design, Fabrication and Documentation	2



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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 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		5

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 122	Electronic Devices and Circuits	3
<input type="checkbox"/> EL 123	Electronic Devices and Circuits Laboratory	2
Total Units		5

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 125	Digital Devices and Circuits	3
<input type="checkbox"/> EL 126	Digital Devices and Circuits Lab	2
Total Units		5

Tasks:

- Meet with a Counselor
- Develop Resume at Career Center
- Review Financial Aid Requirements
- Apply for AHC Scholarship

SPRING SEMESTER (YEAR 2)

Course	Title	Units
<input type="checkbox"/> EL 135	Electronic Measurement and Instrumentation	3
<input type="checkbox"/> EL 136	Electronics Measurement and Instrumentation Laboratory	2
<input type="checkbox"/> EL 146	Electronic Product Design, Fabrication and Documentation	2
Total Units		7

Tasks:

- Apply for Certificate with Counseling
- Utilize Job Search Resources
- Complete FAFSA or Dream Act by March 2
- Attend Job Fair/Career Exploration Day