

ELECTRONICS/TELECOMMUNICATIONS TECHNOLOGY

Associate in Applied Science Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

Summary

Prescribed Program	59
General Education	15
Digital Literacy	
Total Credits	74

Degree Plan Semesters

Course	Title	Credits
1st Year		
Fall Semester		
Prescribed Program		
ELEC 100	Direct Current Analysis	4
ELEC 100L	Direct Current Analysis Lab	1
ELEC 116	Fundamentals of Digital Electronics	4
ELEC 116L	Fundamentals of Digital Electronics Lab	1
ELEC 120	AC Analysis	4
ELEC 120L	AC Analysis Lab	1
General Education		
Business, Math, Science & Technology		
Select from the "Business, Math, Science & Technology (Math)" category on the General Education matrix.		3
MATH 137	Applied Algebra (Recommended)	
MATH 103	College Algebra (Recommended)	
MATH 107	Pre-Calculus (Recommended)	
MATH 146	Applied Calculus I (Recommended)	
MATH 165	Calculus I (Recommended)	
Credits		18
Spring Semester		
Prescribed Program		
ELEC 118	Solid State Devices I	4
ELEC 118L	Solid State Devices I Lab	1
ELEC 130	Active Devices	4
ELEC 130L	Active Devices Lab	1
ELEC 134	Fundamentals of Digital Communication	4
General Education		
Written or Oral Communications		
ENGL 110	College Composition I	3
Arts & Humanities/Social & Behavioral Science		
Select from the "Arts & Humanities" or "Social & Behavioral Sciences" categories on the General Education matrix.		3
Credits		20

2nd Year

Fall Semester

Prescribed Program

ELEC 216	Digital Electronics III	4
ELEC 216L	Digital Electronics III Lab	1
ELEC 222	Electronic Communications I	4
ELEC 222L	Electronics Communications I Lab	1
ELEC 232	Telecommunications I	4
ELEC 232L	Telecommunications I Lab	1

General Education

Business, Math, Science & Technology

Select from the "Business, Math, Science & Technology" categories on the General Education matrix.	3
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Credits	18
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Spring Semester

Prescribed Program

ELEC 218	Digital Electronics IV	4
ELEC 218L	Digital Electronics IV Lab	1
ELEC 224	Electronic Communications II	4
ELEC 224L	Electronics Communications II Lab	1
ELEC 234	Telecommunications II	4
ELEC 234L	Telecommunications II Lab	1

General Education

Written or Oral Communications

Select from the following:	3
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ENGL 125	Introduction to Professional Writing	
COMM 110	Fundamentals of Public Speaking	

Credits	18
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Total Credits	74
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Digital Literacy

Select one of the following:

ENGL 110	College Composition I
NDUS Institution Approved Training Course	
NDUS Institution Designated Digital Literacy Course	