

INSTRUMENTATION AND CONTROL TECHNOLOGY

Program Certificate Checklist

- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

Summary

Total Credits

52

Degree Plan

Prescribed Program

1st Year

Choose one of the following options:

Journeyman Electrician License ¹

OR

Transfer in Electrician coursework completed through a regionally accredited institution.

OR

ELEC 100	Direct Current Analysis	4
ELEC 100L	Direct Current Analysis Lab	1
ELEC 118	Solid State Devices I	4
ELEC 118L	Solid State Devices I Lab	1
ELEC 114	Digital Electronics I	3
ELEC 114L	Digital Electronics I Lab	1
ELEC 130	Active Devices	4
ELEC 130L	Active Devices Lab	1
ELEC 120	AC Analysis	4
ELEC 120L	AC Analysis Lab	1
ELEC 115	Digital Electronics II	3
ELEC 115L	Digital Electronics II Lab	1
Total Credits		28

2nd Year

ICTL 205	Mechanical Practices	4
ICTL 215	Instrumentation Drawings and Documents	4
ICTL 225	Input and Output Devices	4
ICTL 235	Motors and Controllers	4
ICTL 245	Controls	4
ICTL 255	Automation Overview	4
Total Credits		24

Footnotes

¹

Program must be approved through the Prior Learning Process.