



Instrumentation & Control Technology

Program Certificate
Advising Worksheet* 2016-2017

Prescribed Technical Program Total	52
General Education Total	4
Total Degree Credits	56

Freshman Fall Semester

Prescribed Technical Program Requirements

ELEC	100/100L	Direct Current Analysis/Lab	5
ELEC	118/118L	Solid State Devices I/Lab	5
ELEC	114/114L	Digital Electronics I/Lab	4
Total Credits			14

Freshman Spring Semester

Prescribed Technical Program Requirements

ELEC	130/130L	Active Devices/Lab	5
ELEC	120/120L	AC Analysis/Lab	5
ELEC	115/115L	Digital Electronics II/Lab	4
Total Credits			14

Sophomore Fall Semester

Prescribed Technical Program Requirements

ICTL	205	Mechanical Practices	4
ICTL	215	Instrument Drawings & Documentation	4
ICTL	225	Input & Output Devices	4
Total Credits			12

Sophomore Spring Semester

Prescribed Technical Program Requirements

ICTL	235	Motors & Controllers	4
ICTL	245	Controls	4
ICTL	255	Automation Overview	4
Total Credits			12

General Education Requirements

(Select 4 credits of general education credits in two areas of study.)

1.	4	
2.	4	
Total Credits		4

*This advising worksheet is unofficial and to be used for class planning purposes only. Please refer to official catalog at <http://catalog.bismarckstate.edu/> for the complete listing of college degree requirements.