SEMESTER 1
ETRN 1120 Fund of DC Circuits
ETRN 1130 Fund of AC Circuits
CSCI 1010 Computer Literacy
INST1110 Intro to Instrumentation
*Required General Education Class

SEMESTER 2
ETRN 1220 Transistor Circuits
ETRN 1420 Digital Electronics
ETRN 1210 Fund of Semiconductors
JOBS 2450 Job Seeking Skills
*Required General Education Class
*Required General Education Class

SEMESTER 3
INST 2620 Motor Controls, Circuitry
INST 2820 Principles of Process Controls
*Required General Education Class

SEMESTER 4
INST 2630 Variable Speed Drives
INST 1330 Pressure and Level Measurement
INST 1410 Flow Measurement
INST 1420 Temperature Measurement
INST 1430 Final Elements

SEMESTER 5
INST 2730 Analytical Measurements
INST 2735 Vibration Analysis
INST 2741 Programmable Logic Controllers
INST 2610 Controllers
INST 2841 Digital and Analog Control Systems
*Required General Education Class

*Required General Education Classes
ENGL 1010 English Composition I
MATH 1100 College Algebra
SPCH 1200 Techniques of Speech
PHSC 1010 Physical Science I
PHSC 1010L Physical Science I Lab
*Social Science of your choice (Sociology, Psychology, Geography, Political Science)

AAS Requirement:
INST 2991 Special Projects I
INST 2999 Internship (for AAS students only)

Mission Statement:
The purpose of the Industrial Instrumentation program is to equip students with entry-level skills in the instrumentation craft and related career fields. The program also provides entry-level instrument technicians, meeting Louisiana’s industrial needs.