

## **Energy & Industrial Technician (EIT) Industrial Electrical, Motors & PLC's**

# **Certificate of Applied Science (CAS)**

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550
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Work

Name	Program Requirements
Name:	GPA2.0
ID#:	Credits30

Advising Check Sheet, 2018-19 Catalog Mechatronics work combines mechanical technology with electrical and electronic circuitry.

## **Suggested Semester Plan of Study**

Semester 1	Credits	Semester 2	Credits
Semester 3	Credits	Semester 4	Credits

#### **Your Semester Plan of Study**

Semester 1	Credits	Semester 2	Credits
Semester 3	Credits	Semester 4	Credits

#### Important Dates to Remember

## Fall 2018 Semester:

April 9

April 15	FAFSA priority deadline.
April 16	Veterans Priority Registration Day.
April 23	Registration begins at 7:30 a.m.
July	Last day for schedule changes for FAFSA.
August 3	Financial Aid award available to students.
August 20	Fall semester begins.
Διισιιςτ 31	Last day to withdraw without a "W" on transcr

Schedule available online.

Last day to withdraw without a "W" on transcript.

September 3 Labor Day College Closed

October 2 Fall Graduation Application deadline.

### Spring 2019 Semester:

October 15	FAFSA Priority Deadline.
November 13	Schedule available online.
November 19	Veterans Priority Registration Day.
November 26	Registration begins at 7:30 a.m.
December	Last day for schedule changes for FAFSA.
December 21	Financial Aid award available to students.
January 14	Spring semester begins.
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Last day to withdraw without a "W" on transcript. January 28 February 20 Spring Graduation Application deadline.

March 11-14 Spring Break

May 11 Graduation

#### Summer 2019 Semester:

March 11	Schedule available online
March 15	FAFSA Priority Deadline
March 18	Veteran's Priority Deadline
March 23	Summer Registration begins at 730 am
luna 3	Summer session Regins

June 4 Last day to withdraw without a "W" on transcript

	Core Courses 24 Credits	
Areas	Courses	
Required: All Complete	(Each course is worth 4 credits unless noted)  □ EIT 130 Industrial Electrical Systems □ EIT 140 Introduction to Programmable Logic Controllers □ EIT 160 Rotating Electrical Machines □ EIT 200 Robotics and Motion Control □ EIT 205 Process Control and Instrumentation □ EIT 220 Advanced Programmable Logic Controllers	
General Education Courses 6 Credits		
English	(Each course is worth 3 credits)	
Required: 3-Credits	☐ ENL 101 College Composition I	
Complete □		
Math	(Each course is worth 3 credits unless noted)	
Required: 3-Credits Complete □	□ MAT 101 Basic Technical Math     □ MAT 109 Algebra I: Introductory     □ MAT 112 Algebra II: Intermediate     □ MAT 125 Introduction to Statistics     □ MAT 142 College Math with Con App     □ MAT 152 Advanced Algebra     □ MAT 161 Algebra Based Math EE I     □ MAT 162 Algebra Based Math EE II     □ MAT 189 Pre-Calculus Algebra/Trig     □ MAT 211 Technical Calculus (4 credits)     □ MAT 231 Calculus II (4 credits)     □ MAT 241 Calculus III (4 credits)	

Total Estimated Program Cost	Cost
Tuition (2018)	\$2220.00
Fees	\$1080.00
Books	\$
TOTAL:	\$3300.00

**Total Credits** 

If you are a student with a disability and need accommodations, please contact the Disability Resource and Access office located at the White Mountain Campus. The coordinator, Sandy Manor, travels to all NPC campuses and centers.

An appointment can be scheduled to meet with her by calling (800) 266-7845, ext. 6178.

<sup>\*</sup>Tuition, fees and books subject to change without notice. Total is an Estimate