

**Core Courses 28 Credits** 

☐ SPT 155 History of Television

# **Energy & Industrial Technology (EIT)**

# Operations/Maintenance Associate of Applied Science (AAS) Degree

Direct to
\$
77
Work

Name:	
ID#:	

<b>Program Requirements</b>	
GPA2.0	
redits64	

### Advising Check Sheet, 2019-20 Catalog The Energy & Industrial Technology program prepares students to be technicians and operators capable of understanding the entire system with which they work.

Areas	Courses				
Physical &	(Each co	ourse is worth 4 credits)			
Biological Sciences  Required: 4-Credits  Complete □	□ BIO □ BIO □ BIO □ BIO □ BIO □ CONTROL BIO □ STANCE □ STANCE □ CHM □ GEO	104 Biological Anthropology & Human Origins 100 Biology Concepts 105 Environmental Biology 160 Introduction to Human Anatomy& Physiology 181 General Biology I 182 General Biology II 1M 130 Foundational Chemistry 1M 151 General Chemistry I 152 General Chemistry II 111 Physical Geography 101 Introduction to Geology I – Physical Geology			
	□ GLG	102 Introduction to Geology II –Historical Geology			
		113 General Physics I 114 General Physics II			
		130 and CHM 151 <u>cannot</u> be taken together to he 8-credit requirement.			
Computer Science	□ CIS 1	LO5 Computer Applications and Information Technology			
Required: 3-Credits					
Complete □					
	<u>Addit</u>	ional Elective Courses 15 Credits			
Additional Electives  Required: 15-Credits  Complete	□ BUS □ BUS □ BUS	103 Success on Your Job (2 credits) 105 Techniques of Supervision (3 credits) 144 Professional Office Skills (3 credits) 231 Microsoft Office Level 1 (3 credits) unduplicated IEIT courses at 100 or higher level			
Unrestricted Electives	Select an	y unduplicated 100 or higher level course			
Required: 2-6 Credits Complete		rse:			
Complete D					
Total Credits		Elective Requirement Complete			

Areas	Courses	Physical &	(Each course is worth 4 credits)
Core Courses	(Each course is worth 6 credits unless noted)	Biological Sciences	☐ ANT 104 Biological Anthropology & Human Origins ☐ BIO 100 Biology Concepts
Required: All	□ EIT 201 Introduction to Industrial Maintenance (4 credits) □ EIT 208 Energy Generation and Distribution I □ EIT 211 Energy Generation and Distribution II □ EIT 230 Mechanical Maintenance I □ EIT 231 Mechanical Maintenance II	Required: 4-Credits Complete	□ BIO 105 Environmental Biology □ BIO 160 Introduction to Human Anatomy& Physiology □ BIO 181 General Biology I □ BIO 182 General Biology II □ **CHM 130 Foundational Chemistry □ **CHM 151 General Chemistry I
Complete			CHM 152 General Chemistry II
	General Education Courses 19 Credits		GEO 111 Physical Geography GLG 101 Introduction to Geology I – Physical Geology
English	(Each course is worth 3 credits)		☐ GLG 102 Introduction to Geology II –Historical Geology
Required: 6-Credits	☐ ENL 101 College Composition I  Plus one of the following:		☐ PHY 113 General Physics I☐ PHY 114 General Physics II
Complete □	□ ENL 102 College Composition II □ ENL 109 Technical Writing □ SPT 110 Fundamentals of Oral Communication □ SPT 120 Public Speaking		**CHM 130 and CHM 151 <u>cannot</u> be taken together to satisfy the 8-credit requirement.
Math	(Each course is worth 3 credits unless noted)	Computer	☐ CIS 105 Computer Applications and Information Technology
Required: 3-Credits Complete □	<ul> <li>□ MAT 101 Basic Technical Math</li> <li>□ MAT 109 Algebra I: Introductory</li> <li>□ MAT 112 Algebra II: Intermediate</li> <li>□ MAT 125 Introduction to Statistics</li> <li>□ MAT 142 College Math with Con App</li> <li>□ MAT 152 Advanced Algebra</li> </ul>	Science  Required: 3-Credits  Complete	
	☐ MAT 161 Algebra Based Math EE I		Additional Elective Courses 15 Credits
	□ MAT 162 Algebra Based Math EE II     □ MAT 189 Pre-Calculus Algebra/Trig     □ MAT 211 Technical Calculus (4 credits)     □ MAT 221 Calculus I (4 credits)     □ MAT 231 Calculus II (4 credits)     □ MAT 241 Calculus III (4 credits)	Additional Electives  Required: 15-Credits  Complete	□ BUS 103 Success on Your Job (2 credits) □ BUS 105 Techniques of Supervision (3 credits) □ BUS 144 Professional Office Skills (3 credits) □ BUS 231 Microsoft Office Level 1 (3 credits) □ any unduplicated IEIT courses at 100 or higher level
Arts &	(Each course is worth 3 credits)	Unrestricted	
Required: 3-Credits Complete	□ ART 101 Understanding Art □ ART 115 Art History I □ ART 116 Art History II □ ART 215 Native American Art □ ENL 220 World Literature I □ ENL 221 World Literature II □ ENL 224 English Literature I	Required: 2-6 Credits Complete	Select any unduplicated 100 or higher level course  Course: Course:
	□ ENL 225 English Literature II □ ENL 230 American Literature II □ ENL 231 American Literature II □ HUM 150 Humanities in the Western World I		
	HOW 150 Humanities in the Western World II HUM 151 Humanities in the Western World II MUS 150 Music Appreciation MUS 250 World Music PHL 101 Introduction to Philosophy PHL 103 Introduction to Logic/critical Thinking PHL 105 Introduction to Ethics SPT 130 Introduction to Theatre	Total Credits	Elective Requirement Complete

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.

# **Suggested Semester Plan of Study**

(complete your degree in two years)

Semester 1		Credits	Semester 2		Credits	
ENL 101		3	Communications			3
MAT 101 or 109 & higher		3	Arts & Humanities		3	
EIT 208		6	EIT 211			6
Summer Term	BUS 103	•		3		
					1	

	BUS 144			2	
Semester 3		Credits	Semester 4		Credits
EIT 201		4	EIT 231		6
EIT 230		6	CIS 105		3
Physical & Biological Science		4	Required Elec	tive	4
			Elective		2
Summer Term	BUS 105			3	

3

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

Your Semester Plan of Study

## **Important Dates to Remember:**

#### Fall 2019 Semester:

April 8 Schedule available online..

April 15 Veterans Priority Registration Day.

April 22 Registration begins at 7:30 a.m.

**BUS 231** 

August 26 Fall semester begins.

September 6 Last day to withdraw without a "W" on transcript.

September 2 Labor Day College Closed

October 7 Fall Graduation Application deadline.

# Spring 2020 Semester:

November 18 Schedule available online.

November 25 Veterans Priority Registration Day.

January 21 Spring semester begins..

January 28 Last day to withdraw without a "W" on transcript

February 17 Spring Graduation Application deadline.

March 16-20 Spring Break May 16 Graduation

#### Summer 2020 Semester:

March 30 Schedule available online
April 3 Veteran's Priority Deadline

April 13 Summer Registration begins at 730 am

June 1 Summer session Begins

## **Additional Semesters as Needed**

Semester 5	Credits	Semester 6	Credits
Semester 7	Credits	Semester 8	Credits
Semester 7	Credits	Semester 8	Credits
Semester 7	Credits	Semester 8	Credits
Semester 7	Credits	Semester 8	Credits
Semester 7	Credits	Semester 8	Credits

Total Estimated Program Cost	Cost
Tuition (2019)	\$4,92800
Fees	\$970.00
Books	\$ 1,400.00 - \$3,000.00
TOTAL:	\$7298.00 - \$8,898.00

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

#### **Helpful Definitions and Websites**

- See the cost savings in just tuition by completing the first two years of your bachelor's degree at NPC at www.npc.edu/transferU
- Find out more about NPC transfer agreements with other colleges and universities at www.npc.edu/transfer-agreements
- Learn all about Arizona's guaranteed transfer degrees to ASU, NAU and UofA at www.aztransfer.com
- NPC's college catalog is available online at www.npc.edu/college-catalog or from any campus or center adviser.
- Articulation: the process of determining the transfer and applicability of courses from one institution of higher education to another.
- Course Equivalency Guide: shows how community college courses transfer to the three state universities. It also has many equivalencies among the three state universities. It does NOT indicate how a course transfers to a specific degree program. Course equivalencies are "year specific" meaning that in order to see if course work will transfer, you must review the Course Equivalency Guide for the year in which you took the course.