

Name: \_\_\_\_\_

ID#: \_

EXPANDING MINDS • TRANSFORMING LIVES

# Energy & Industrial Technology (EIT)

Mechanical Maintenance Associate of Applied Science (AAS) Degree



Program Requirements GPA......2.0 Advising Check Sheet, 2019-20 Catalog The Energy and Industrial Technology program prodents to be technicians and operators canab

Credits.....64

The Energy and Industrial Technology program prepares students to be technicians and operators capable of understanding the entire system with which they work.

	Core Courses 24 Credits	Areas	Courses
Areas	Courses	Physical &	(Each course is worth 4 credits)
Core Courses Required: All	(Each course is worth 6 credits)         EIT       230 Mechanical Maintenance I         EIT       231 Mechanical Maintenance II         EIT       232 Mechanical Maintenance III         EIT       233 Mechanical Maintenance IV	Biological Sciences <u>Required:</u> 4-Credits Complete	<ul> <li>ANT 104 Biological Anthropology &amp; Human Origins</li> <li>BIO 100 Biology Concepts</li> <li>BIO 105 Environmental Biology</li> <li>BIO 160 Introduction to Human Anatomy&amp; Physiology</li> <li>BIO 181 General Biology I</li> <li>BIO 182 General Biology II</li> <li>**CHM 130 Foundational Chemistry</li> </ul>
Complete 🛛			<ul> <li>**CHM 151 General Chemistry I</li> <li>CHM 152 General Chemistry II</li> </ul>
	General Education Courses 19 Credits		<ul> <li>GEO 111 Physical Geography</li> <li>GLG 101 Introduction to Geology I – Physical Geology</li> </ul>
English Required: 6-Credits Complete 🗆	(Each course is worth 3 credits)  ENL 101 College Composition I  Plus one of the following:  ENL 102 College Composition II ENL 109 Technical Writing SPT 110 Fundamentals of Oral Communication SPT 120 Public Speaking		<ul> <li>GLG 102 Introduction to Geology II –Historical Geology</li> <li>PHY 113 General Physics I</li> <li>PHY 114 General Physics II</li> <li>**CHM 130 and CHM 151 <u>cannot</u> be taken together to satisfy the 8-credit requirement.</li> </ul>
Math <u>Required:</u> 3-Credits Complete □	<ul> <li>(Each course is worth 3 credits unless noted)</li> <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> </ul>	Computer Science <u>Required:</u> <b>3-Credits</b> Complete	CIS 105 Computer Applications and Information Technology
	MAT 152 Advanced Algebra		
	MAT 161 Algebra Based Math EE I		Additional Elective Courses 15 Credits
		Additional Electives <u>Required:</u> 15-Credits Complete	Additional Elective Courses 15 Credits         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 EIT courses at 100 or higher level
Arts & Humanities	<ul> <li>MAT 161 Algebra Based Math EE I</li> <li>MAT 162 Algebra Based Math EE II</li> <li>MAT 189 Pre-Calculus Algebra/Trig</li> <li>MAT 211 Technical Calculus (4 credits)</li> <li>MAT 221 Calculus I (4 credits)</li> <li>MAT 231 Calculus II (4 credits)</li> </ul>	Electives <u>Required:</u> 15-Credits	<ul> <li>BUS 103 Success on Your Job (2 credits)</li> <li>BUS 105 Techniques of Supervision (3 credits)</li> <li>BUS 144 Professional Office Skills (3 credits)</li> <li>BUS 231 Microsoft Office Level 1 (3 credits)</li> </ul>
Arts & Humanities <u>Required:</u> <b>3-Credits</b> Complete	<ul> <li>MAT 161 Algebra Based Math EE I</li> <li>MAT 162 Algebra Based Math EE II</li> <li>MAT 189 Pre-Calculus Algebra/Trig</li> <li>MAT 211 Technical Calculus (4 credits)</li> <li>MAT 221 Calculus I (4 credits)</li> <li>MAT 231 Calculus II (4 credits)</li> <li>MAT 241 Calculus III (4 credits)</li> </ul>	Electives <u>Required:</u> 15-Credits	<ul> <li>BUS 103 Success on Your Job (2 credits)</li> <li>BUS 105 Techniques of Supervision (3 credits)</li> <li>BUS 144 Professional Office Skills (3 credits)</li> <li>BUS 231 Microsoft Office Level 1 (3 credits)</li> </ul>
Humanities <u>Required:</u> 3-Credits	<ul> <li>MAT 161 Algebra Based Math EE I</li> <li>MAT 162 Algebra Based Math EE II</li> <li>MAT 189 Pre-Calculus Algebra/Trig</li> <li>MAT 211 Technical Calculus (4 credits)</li> <li>MAT 221 Calculus I (4 credits)</li> <li>MAT 231 Calculus II (4 credits)</li> <li>MAT 241 Calculus III (4 credits)</li> </ul> (Each course is worth 3 credits)           ART 101         Understanding Art           ART 115         Art History I           ART 215         Native American Art           ENL 220         World Literature I           ENL 224         English Literature I           ENL 225         English Literature II	Electives Required: 15-Credits Complete Electives Required: 2-6 Credits	<ul> <li>BUS 103 Success on Your Job (2 credits)</li> <li>BUS 105 Techniques of Supervision (3 credits)</li> <li>BUS 144 Professional Office Skills (3 credits)</li> <li>BUS 231 Microsoft Office Level 1 (3 credits)</li> <li>any unduplicated EIT courses at 100 or higher level</li> </ul> Select any unduplicated 100 or higher level course           Course:           Course:

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.

### Suggested Semester Plan of Study

(complete your degree in two years)

Semester 2	1	Credits	Sem	ester 2		Credits
ENL 101		3	Communications		3	
MAT 101 or 109 & h	MAT 101 or 109 & higher		Arts & Humanities			3
EIT 230		6	EIT 231			6
Summer Term BUS 103			3			
	BUS 144			2		
Semester 3	3	Credits	Sem	ester 4		Credits
EIT 232		6	EIT 233			6
Physical & Biological	Science	4	Required Elec	tive		4
CIS 105		3	Elective			3
			Elective			3
Summer Term	BUS 105			3		
BUS 231				3		

## Your Semester Plan of Study

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

#### **Additional Semesters as Needed**

Important Dates to Remember:	Semester 5	Credits	Semester 6	Credits
er:				
Schedule available online Veterans Priority Registration Day. Registration begins at 7:30 a.m. Fall semester begins. Last day to withdraw without a "W" on transcript. Labor Day College Closed Fall Graduation Application deadline.				
ester: Schedule available online.	Semester 7	Credits	Semester 8	Credits
Veterans Priority Registration Day.				
Spring semester begins Last day to withdraw without a "W" on transcript Spring Graduation Application deadline.				
Spring Break Graduation				
mester:				
Schedule available online				

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		

Total Estimated Program Cost	Cost
Tuition (2019)	\$4,928.00
Fees	\$820.00
Books	\$ 1,400.00 - \$3,000.00
TOTAL:	\$714800 - \$8,748.00

\*Tuition, fees and books subject to change without notice. Estimate for 2019-20 tuition academic years.

#### **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.

Fall 2019 Semester:

April 8

April 15

April 22

August 26

October 7

September 6

September 2

November 18

November 25

January 21

January 28 February 17

March 16-20

May 16

Spring 2020 Semester:

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 <u>NOT</u> 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.