



Name: \_\_\_\_\_  
ID#: \_\_\_\_\_

**Program Requirements**

GPA.....2.0  
Credits.....64

Advising Check Sheet, 2017-18 Catalog

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

Core Courses 24 Credits	
Areas	Courses
Core Courses <b>Required:</b> <b>All</b>  Complete <input type="checkbox"/>	<b>(Each course is worth 6 credits)</b>  <input type="checkbox"/> IMO 208 Introduction to Energy Generation and Distribution <input type="checkbox"/> IMO 211 Power Principles II <input type="checkbox"/> IMO 212 Power Principles III <input type="checkbox"/> IMO 213 Power Principles IV
General Education Courses 19 Credits	
English <b>Required:</b> <b>6-Credits</b>  Complete <input type="checkbox"/>	<b>(Each course is worth 3 credits)</b>  <input type="checkbox"/> ENL 101 College Composition I <p align="center"><b>Plus one of the following:</b></p> <input type="checkbox"/> ENL 102 College Composition II <input type="checkbox"/> ENL 109 Technical Writing <input type="checkbox"/> SPT 110 Fundamentals of Oral Communication <input type="checkbox"/> SPT 120 Public Speaking
Math <b>Required:</b> <b>3-Credits</b>  Complete <input type="checkbox"/>	<b>(Each course is worth 3 credits unless noted)</b>  <input type="checkbox"/> MAT 101 Basic Technical Math <input type="checkbox"/> MAT 109 Algebra I: Introductory <input type="checkbox"/> MAT 112 Algebra II: Intermediate <input type="checkbox"/> MAT 125 Introduction to Statistics <input type="checkbox"/> MAT 142 College Math with Con App <input type="checkbox"/> MAT 152 Advanced Algebra <input type="checkbox"/> MAT 161 Algebra Based Math EE I <input type="checkbox"/> MAT 162 Algebra Based Math EE II <input type="checkbox"/> MAT 189 Pre-Calculus Algebra/Trig <input type="checkbox"/> MAT 211 Technical Calculus (4 credits) <input type="checkbox"/> MAT 221 Calculus I (4 credits) <input type="checkbox"/> MAT 231 Calculus II (4 credits) <input type="checkbox"/> MAT 241 Calculus III (4 credits)
Arts & Humanities <b>Required:</b> <b>3-Credits</b>  Complete <input type="checkbox"/>	<b>(Each course is worth 3 credits)</b>  <input type="checkbox"/> ART 101 Understanding Art <input type="checkbox"/> ART 115 Art History I <input type="checkbox"/> ART 116 Art History II <input type="checkbox"/> ART 215 Native American Art <input type="checkbox"/> ENL 220 World Literature I <input type="checkbox"/> ENL 221 World Literature II <input type="checkbox"/> ENL 224 English Literature I <input type="checkbox"/> ENL 225 English Literature II <input type="checkbox"/> ENL 230 American Literature I <input type="checkbox"/> ENL 231 American Literature II <input type="checkbox"/> HUM 150 Humanities in the Western World I <input type="checkbox"/> HUM 151 Humanities in the Western World II <input type="checkbox"/> MUS 150 Music Appreciation <input type="checkbox"/> MUS 250 World Music <input type="checkbox"/> PHL 101 Introduction to Philosophy <input type="checkbox"/> PHL 103 Introduction to Logic/critical Thinking <input type="checkbox"/> PHL 105 Introduction to Ethics <input type="checkbox"/> SPT 130 Introduction to Theatre <input type="checkbox"/> SPT 150 Introduction to Film <input type="checkbox"/> SPT 155 History of Television

Areas	Courses
Physical & Biological Sciences  <b>Required:</b> <b>4-Credits</b>  Complete <input type="checkbox"/>	<b>(Each course is worth 4 credits)</b>  <input type="checkbox"/> ANT 104 Biological Anthropology & Human Origins <input type="checkbox"/> BIO 100 Biology Concepts <input type="checkbox"/> BIO 105 Environmental Biology <input type="checkbox"/> BIO 160 Introduction to Human Anatomy & Physiology <input type="checkbox"/> BIO 181 General Biology I <input type="checkbox"/> BIO 182 General Biology II <input type="checkbox"/> **CHM 130 Foundational Chemistry <input type="checkbox"/> **CHM 151 General Chemistry I <input type="checkbox"/> CHM 152 General Chemistry II <input type="checkbox"/> GEO 111 Physical Geography <input type="checkbox"/> GLG 101 Introduction to Geology I – Physical Geology  <input type="checkbox"/> GLG 102 Introduction to Geology II – Historical Geology  <input type="checkbox"/> PHY 113 General Physics I <input type="checkbox"/> PHY 114 General Physics II  <b>**CHM 130 and CHM 151 cannot be taken together to satisfy the 8-credit requirement.</b>
Computer Science  <b>Required:</b> <b>3-Credits</b>  Complete <input type="checkbox"/>	<input type="checkbox"/> CIS 105 Computer Applications and Information Technology
Elective Courses 21 Credits	
Required Electives  <b>Required:</b> <b>15-Credits</b>  Complete <input type="checkbox"/>	Select a minimum of 15 credits from any unduplicated IMO courses at 100 or higher level:  <input type="checkbox"/> Course: _____ <input type="checkbox"/> Course: _____  Or choose from the following courses:  <input type="checkbox"/> BUS 103 Success on Your Job (2 credits) <input type="checkbox"/> BUS 105 Techniques of Supervision (3 credits) <input type="checkbox"/> BUS 144 Professional Office Skills (3 credits) <input type="checkbox"/> BUS 231 Microsoft Office Level 1 (3 credits)
Unrestricted Electives  <b>Required:</b> <b>6 Credits</b>  Complete <input type="checkbox"/>	Select any unduplicated 100 or higher level course:  <input type="checkbox"/> Course: _____ <input type="checkbox"/> Course: _____

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

**SEE REVERSE SIDE FOR MORE INFORMATION**

## 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
IMO 208	6	IMO 211	6
Summer Term	BUS 103		3
	BUS 144		2
Semester 3	Credits	Semester 4	Credits
IMO 212	6	IMO 213	6
Physical & Biological Science	4	Required Elective	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

### Important Dates to Remember:

#### Fall 2017 Semester:

April 10	Schedule available online.
April 15	FAFSA priority deadline.
April 21	<b>Veterans Priority Registration Day.</b>
April 24	<b>Registration begins at 7:30 a.m.</b>
July 28	Last day for schedule changes for FAFSA.
August 4	Financial Aid award available to students.
August 21	<b>Fall semester begins.</b>
September 1	Last day to withdraw without a "W" on transcript.
October 3	Fall Graduation Application deadline.

#### Spring 2018 Semester:

October 15	FAFSA Priority Deadline.
November 13	Schedule available online.
November 20	<b>Veterans Priority Registration Day.</b>
November 27	<b>Registration begins at 7:30 a.m.</b>
December 15	Last day for schedule changes for FAFSA.
December 22	Financial Aid award available to students.
January 16	<b>Spring semester begins.</b>
January 29	Last day to withdraw without a "W" on transcript.
February 20	Spring Graduation Application deadline.

#### Summer 2018 Semester:

March 13	Schedule available online.
March 15	FAFSA Priority Deadline.
March 23	<b>Veteran Priority Registration Day.</b>
March 26	<b>Registration begins at 7:30 a.m.</b>
June 4	<b>Summer semester begins</b>
June 5	Last day to withdraw without a "W" on transcript.

### Additional Semesters as Needed

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

Total Estimated Program Cost	Cost
Tuition (2017)	\$4,608.00
Fees	\$600.00 - \$700.00
Books	\$ 1,400.00 - \$3,000.00
<b>TOTAL:</b>	<b>\$6,480.00 - \$8,180.00</b>

\*Tuition, fees and books subject to change without notice. Estimate for 2015-16 and 2016-17 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](http://www.npc.edu/transferU)
- Find out more about NPC transfer agreements with other colleges and universities at [www.npc.edu/transfer-agreements](http://www.npc.edu/transfer-agreements)
- Learn all about Arizona's guaranteed transfer degrees to ASU, NAU and UofA at [www.aztransfer.com](http://www.aztransfer.com)
- NPC's **college catalog** is available online at [www.npc.edu/college-catalog](http://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.