

# **Industrial Maintenance and Operations (IMO)**

Mechanical Maintenance Associate of Applied Science (AAS) Degree

direct to
\$
Work

Name:	
ID#:	

<b>Program Requirements</b>			
GPA2.0			
Credits64			

# Advising Check Sheet, 2016-17 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
Areas	Courses	Physical &	(Each course is worth 4 credits)
Core Courses	(Each course is worth 6 credits)	Biological Sciences	□ ANT 104 Biological Anthropology & Human Origins □ BIO 100 Biology Concepts
Required:	□ IMO 230 Mechanical Maintenance I □ IMO 231 Mechanical Maintenance II □ IMO 232 Mechanical Maintenance III □ IMO 233 Mechanical Maintenance IV	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 ☐ GEO 111 Physical Geography
	General Education Courses 19 Credits		GLG 101 Introduction to Geology I – Physical Geology
English Required:	(Each course is worth 3 credits)  ☐ ENL 101 College Composition I		☐ GLG 102 Introduction to Geology II –Historical Geology
6-Credits	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  Required: 3-Credits  Complete □	(Each course is worth 3 credits unless noted)  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	Computer Science Required: 3-Credits Complete	☐ CIS 105 Computer Applications and Information Technology
	☐ MAT 152 Advanced Algebra ☐ MAT 161 Algebra Based Math EE I		Elective Courses 21 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)	Required Electives  Required: 15-Credits  Complete	Select a minimum of 15 credits from any unduplicated IMO courses at 100 or higher level: Course: Course: Or choose from the following courses: BUS 103 Success on Your Job (2 credits)
Arts &	(Each course is worth 3 credits)		☐ BUS 105 Techniques of Supervision (3 credits) ☐ BUS 144 Professional Office Skills (3 credits)
Required:	☐ ART 101 Understanding Art ☐ ART 115 Art History I		BUS 231 Microsoft Office Level 1 (3 credits)
Complete	□ ART 215 Native American Art □ ENL 220 World Literature I □ ENL 221 World Literature II □ ENL 224 English Literature I	Unrestricted Electives  Required: 6 Credits  Complete	Select any unduplicated 100 or higher level course  Course: Course:
	□ ENL 231 American Literature II □ HUM 150 Humanities in the Western World I □ 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 □ SPT 150 Introduction to Film □ SPT 155 History of Television	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	
IMO 230		6	IMO 231			6
Summer Term BUS 102				2		

Summer Term	BUS 103	3	
	BUS 144	2	

Semester 3		Credits	Sem	ester 4		Credits
IMO 232		6	IMO 233		6	
Physical & Biological Science		4	Required Elec	tive		4
CIS 105		3	Elective			3
			Elective			3
Summer Term	BUS 105			3		

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# Your Semester Plan of Study

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

# **Important Dates to Remember:**

#### Fall 2016 Semester:

April 11 Schedule available online. April 15 FAFSA priority deadline.

**BUS 231** 

April 22 Veterans Priority Registration Day.

April 25 Registration begins at 7:30 a.m.

July 29 Last day for schedule changes for FAFSA.

August 5 Financial Aid award available to students.

August 22 Fall semester begins.

September 2 Last day to withdraw without a "W" on transcript.

October 4 Fall Graduation Application deadline.

#### Spring 2017 Semester:

October 15 FAFSA Priority Deadline. November 14 Schedule available online.

November 21

November 28

December 16

December 23

Veterans Priority Registration Day.

Registration begins at 7:30 a.m.

Last day for schedule changes for FAFSA.

Financial Aid award available to students.

January 17 Spring semester begins.

January 30 Last day to withdraw without a "W" on transcript.

February 21 Spring Graduation Application deadline.

#### Summer 2017 Semester:

March 13	Schedule available online.
March 15	FAFSA Priority Deadline.
March 24	Veteran Priority Registration Day.
March 27	Registration begins at 7:30 a.m.
June 5	Summer semester begins

June 6 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
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	\$4,480.00
Fees	\$600.00 - \$700.00
Books	\$ 1,400.00 - \$3,000.00
TOTAL:	\$6,480.00 - \$8,180.00

<sup>\*</sup>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
- 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.
- <u>Course Equivalency Guide</u>: 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.