

Shorthland Pioneer College

oirect to Industrial Maintenance and Operations (IMO)-Electrical Associate of Applied Science (AAS) Degree

EXPANDING MINDS • TRANSFORMING LIVES

Program Requirements Name: _____ GPA.....2.0 ID#: ___ Credits.....64

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 Required: All Complete	(Each course is worth 6 credits) IMO 151 Electrical Level I IMO 152 Electrical Level II IMO 153 Electrical Level III IMO 154 Electrical Level IIII	Biological Sciences <u>Required:</u> 4-Credits Complete	 ANT 104 Biological Anthropology & Human Origins BIO 100 Biology Concepts 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 CHM 152 General Chemistry II
	General Education Courses 19 Credits		 GEO 111 Physical Geography GLG 101 Introduction to Geology I – Physical Geology
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		 GLG 102 Introduction to Geology II –Historical Geology PHY 113 General Physics I PHY 114 General Physics II **CHM 130 and CHM 151 <u>cannot</u> be taken together to satisfy the 8-credit requirement.
Math <u>Required:</u> 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 <u>Required:</u> 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
		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:
Arts & Humanities <u>Required:</u>	 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 221 Calculus I (4 credits) MAT 231 Calculus II (4 credits) MAT 241 Calculus III (4 credits) (Each course is worth 3 credits) ART 101 Understanding Art ART 115 Art History I 	Electives <u>Required:</u> 15-Credits	Select a minimum of 15 credits from any unduplicated IMO courses at 100 or higher level: Course: Course: Or choose from the following courses:
Humanities	 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 221 Calculus I (4 credits) MAT 231 Calculus II (4 credits) MAT 241 Calculus III (4 credits) (Each course is worth 3 credits) ART 101 Understanding Art 	Electives <u>Required:</u> 15-Credits	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) BUS 105 Techniques of Supervision (3 credits) BUS 144 Professional Office Skills (3 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.

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 151		6	IMO 152		-	6
Summer Term BUS 103			3			
BUS 144 2		2				
Semester 3		Credits	Semester 4		Credits	
IMO 153		6	IMO 154		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

Additional Semesters as Needed

Semester 5	Credits	Semester 6	Credits
Somostor 7	Cradita	Somostor 8	Cradita
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

*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.
- <u>Articulation</u>: 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.

Important Dates to Remember:

Fall 2016 Semester:

August 22Fall semester begins.September 2Last day to withdraw without a "W" on transcript.October 4Fall Graduation Application deadline.	September 2	Last day to withdraw without a "W" on transcript.
--	-------------	---

Spring 2017 Semester:

October 15	FAFSA Priority Deadline.
November 14	Schedule available online.
November 21	Veterans Priority Registration Day.
November 28	Registration begins at 7:30 a.m.
December 16	Last day for schedule changes for FAFSA.
December 23	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.