

# Northland Pioneer College

EXPANDING MINDS • TRANSFORMING LIVES

## Energy & Industrial Technology (EIT)

Instrumentation — Associate of Applied Science (AAS) Degree

News	Program Requirements
Name:	GPA2.0
ID#:	Credits64

## Advising Check Sheet, 2018-19 Catalog

The Energy & 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 <u>Required:</u> All	(Each course is worth 6 credits) EIT 155 Instrumentation Level I EIT 156 Instrumentation Level II EIT 157 Instrumentation Level III EIT 158 Instrumentation Level 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> <li>**CHM 151 General Chemistry I</li> </ul>
Complete 🗆	General Education Courses 19 Credits		CHM 152 General Chemistry II GEO 111 Physical Geography
English			GLG 101 Introduction to Geology I – Physical Geology
English Required: 6-Credits Complete	<ul> <li>(Each course is worth 3 credits)</li> <li>ENL 101 College Composition I</li> <li>Plus one of the following:</li> <li>ENL 102 College Composition II</li> <li>ENL 109 Technical Writing</li> <li>SPT 110 Fundamentals of Oral Communication</li> <li>SPT 120 Public Speaking</li> </ul>		<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	(Each course is worth 3 credits unless noted)  MAT 101 Basic Technical Math MAT 109 Algebra I: Introductory	Computer Science	CIS 105 Computer Applications and Information Technology
Complete	MAT 105 Algebra II: Introductory         MAT 112 Algebra II: Intermediate         MAT 125 Introduction to Statistics         MAT 142 College Math with Con App         MAT 152 Advanced Algebra	<u>Required:</u> 3-Credits	Elective Courses 15Credits
	<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>	Additional Electives <u>Required:</u> 15-Credits Complete	<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 course</li> </ul>
Arts &	(Each course is worth 3 credits)		
Humanities Required: 3-Credits Complete	<ul> <li>ART 101 Understanding Art</li> <li>ART 115 Art History I</li> <li>ART 116 Art History II</li> <li>ART 215 Native American Art</li> <li>ENL 220 World Literature I</li> <li>ENL 221 World Literature II</li> <li>ENL 224 English Literature II</li> <li>ENL 225 English Literature II</li> <li>ENL 230 American Literature I</li> <li>ENL 231 American Literature II</li> <li>HUM 150 Humanities in the Western World I</li> <li>HUM 151 Humanities in the Western World I</li> <li>MUS 150 Music Appreciation</li> <li>MUS 250 World Music</li> <li>PHL 101 Introduction to Philosophy</li> <li>PHL 103 Introduction to Ethics</li> <li>SPT 130 Introduction to Theatre</li> <li>SPT 155 History of Television</li> </ul>	Unrestricted Electives <b>Required:</b> <b>2 –6 Credits</b> Complete Total 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	Sem	ester 2		Credits
ENL 101 3		Communications		3		
MAT 101 or 109 & higher 3		3	Arts & Humanities			3
IMO 155 7		IMO 156		_	7	
Summer Term	BUS 103			3		
	BUS 144			2		
Semester 3		Credits	Semester 4		Credits	
IMO 157 7		7	IMO 158		7	
Physical & Biological Science		4	Required Elective		4	
CIS 105 3		Elective		2		
Summer Term	BUS 105			3		
	BUS 231			3		

### **Important Dates to Remember**

### Fall 2018 Semester:

April 9	Schedule available online.
April 15	FAFSA priority deadline.
April 16	Veterans Priority Registration Day.
April 23	Registration begins at 7:30 a.m.
July	Last day for schedule changes for FAFSA.
August 3	Financial Aid award available to students.
August 20	Fall semester begins.
August 31	Last day to withdraw without a "W" on transcript.
September 3	Labor Day College Closed
October 2	Fall Graduation Application deadline.

#### Spring 2019 Semester:

October 15 November 13 November 19 November 26 December December 21 January 14 January 28 February 20 March 11-14	<ul> <li>FAFSA Priority Deadline.</li> <li>Schedule available online.</li> <li>Veterans Priority Registration Day.</li> <li>Registration begins at 7:30 a.m.</li> <li>Last day for schedule changes for FAFSA.</li> <li>Financial Aid award available to students.</li> <li>Spring semester begins.</li> <li>Last day to withdraw without a "W" on transcript.</li> <li>Spring Graduation Application deadline.</li> <li>Spring Break</li> </ul>
March 11-14 May 11	Spring Break Graduation

#### Summer 2019 Semester:

March 11	Schedule available online
March 15	FAFSA Priority Deadline
March 18	Veteran's Priority Deadline
March 23	Summer Registration begins at 730 am
June 3	Summer session Begins
June 4	Last day to withdraw without a "W" on transcript

## 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

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 (2018)	\$4,736.00
Fees	\$600.00 - \$700.00
Books	\$ 1,400.00 - \$3,000.00
TOTAL:	\$6736.00—\$8436.00

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