

Energy & Industrial Technology (EIT)

Mechanical Maintenance Associate of Applied Science (AAS) Degree



| Name: | |
|-------|--|
| ID#: | |

| Program Requirements | | | |
|-----------------------------|--|--|--|
| GPA2.0 | | | |
| Credits64 | | | |

Advising Check Sheet, 2018-19 Catalog The Energy and Industrial Technology program prepares students to be technicians and operators capable of understanding the entire system with which they work.

| Areas | Courses | | | |
|--|---|--|--|--|
| Physical & | (Each course is worth 4 credits) | | | |
| Biological Sciences Required: 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 □ GEO 111 Physical Geography □ GLG 101 Introduction to Geology I – Physical Geology | | | |
| | ☐ 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. | | | |
| Computer Science | ☐ CIS 105 Computer Applications and Information Technology | | | |
| Required: 3-Credits | | | | |
| Complete □ | | | | |
| | Additional Elective Courses 15 Credits | | | |
| Additional Electives Required: 15-Credits Complete □ | □ 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 | | | |
| Electives | Select any unduplicated 100 or higher level course | | | |
| Required: 2-6 Credits Complete | Course: | | | |
| Total Credits | Elective Requirement Complete | | | |
| | | | | |

| | Core Courses 24 Credits | Areas | Courses |
|------------------------------|---|--|---|
| Areas | Courses | Physical & | (Each course is worth 4 credits) |
| Core Courses Required: | (Each course is worth 6 credits) □ EIT 230 Mechanical Maintenance I □ EIT 231 Mechanical Maintenance II □ EIT 232 Mechanical Maintenance III | Biological Sciences Required: 4-Credits | □ 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 |
| All | ☐ EIT 233 Mechanical Maintenance IV | Complete 🗆 | ☐ BIO 182 General Biology II ☐ **CHM 130 Foundational Chemistry ☐ **CHM 151 General Chemistry I |
| Complete □ | | | GEO 111 Physical Geography |
| | General Education Courses 19 Credits | | GLG 101 Introduction to Geology I – Physical Geology |
| English | (Each course is worth 3 credits) | | ☐ GLG 102 Introduction to Geology II –Historical Geology |
| Required: 6-Credits | ☐ ENL 101 College Composition I 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 | (Each course is worth 3 credits unless noted) | Computer Science | ☐ CIS 105 Computer Applications and Information Technology |
| Required: 3-Credits Complete | □ 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 □ MAT 152 Advanced Algebra □ MAT 161 Algebra Based Math EE I | Required: 3-Credits Complete | Additional Elective Courses 15 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) | Additional Electives Required: 15-Credits Complete | □ 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 Required: | (Each course is worth 3 credits) ☐ ART 101 Understanding Art ☐ ART 115 Art History I | | |
| 3-Credits Complete | ENL 220 World Literature II ENL 224 English Literature I ENL 225 English Literature II ENL 230 American Literature I | Electives Required: 2-6 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 103 | 3 | |
|-------------|---------|---|--|
| | BUS 144 | 2 | |

| Semester | 3 | Credits | Semester 4 | | Semester 4 | |
|-------------------------------|---------|---------|---------------|------|------------|---|
| 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 | | |

| | | 3 | Elective | | 3 | | |
|-----|---------|---|----------|---|---|--|--|
| | | | Elective | | 3 | | |
| erm | BUS 105 | | | 3 | | | |
| | BUS 231 | | | 3 | | | |

Important Dates to Remember

Fall 2018 Semester:

Schedule available online. April 9 April 15 FAFSA priority deadline. April 16 Veterans Priority Registration Day. April 23 Registration begins at 7:30 a.m. Last day for schedule changes for FAFSA. July 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

Fall Graduation Application deadline. October 2

Spring 2019 Semester:

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

March 11-14 Spring Break

May 11 Graduation

Summer 2019 Semester:

Schedule available online March 11 March 15 **FAFSA Priority Deadline** Veteran's Priority Deadline March 18

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 |
|------------|---------|------------|---------|
| | | | |
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| | | | |
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| | | | |
| 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 |
|------------|---------|------------|---------|
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| | | | |
| 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: | \$6,736.00 - \$8,436.00 |

^{*}Tuition, fees and books subject to change without notice. Estimate for 2018-19 tuition 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.
- 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.