

Mechatronics (MET)-Electrical and Instrumentation **Certificate of Applied Science (CAS)**

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Name	:	
ID#: _		

	Program Requirements
	GPA2.0
	Credits30

Advising Check Sheet, 2017-18 Catalog

Mechatronics work combines mechanical technology with electrical and electronic circuitry. This program is designed to prepare students for careers in a number of diversified manufacturing fields.

Suggested Semester Plan of Study

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

Your Semester Plan of Study

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

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Core Courses 24 Credits			
Areas	Courses		
Core Courses	(Each course is worth 6 credits)		
Required: All Complete	□ MET 242 Industrial Maintenance Electrical and Instrumentation Technician Level I □ MET 243 Industrial Maintenance Electrical and Instrumentation Technician Level II □ MET 244 Industrial Maintenance Electrical and Instrumentation Technician Level III □ MET 245 Industrial Maintenance Electrical and Instrumentation Technician Level IV		
General Education Courses 6 Credits			
English	(Each course is worth 3 credits)		
Required: 3-Credits	☐ ENL 101 College Composition I		
Complete □			
Math	(Each course is worth 3 credits unless noted)		
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		

Total Credits

Total Estimated Program Cost	Cost
Tuition (2017)	\$2160.00
Fees	\$
Books	\$
TOTAL:	\$

☐ 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)

^{*}Tuition, fees and books subject to change without notice. Estimate for 2015-16 and 2016-17 academic years.

Important Dates to Remember:

Fall 2017 Semester:

April 10 Schedule available online. April 15 FAFSA priority deadline. April 21 Veterans Priority Registration Day. April 24 Registration begins at 7:30 a.m. July 28 Last day for schedule changes for FAFSA. August 4 Financial Aid award available to students. August 21 Fall semester begins.

Last day to withdraw without a "W" on transcript. September 1

October 3 Fall Graduation Application deadline.

Spring 2018 Semester:

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October 15	FAFSA Priority Deadline.
November 13	Schedule available online.
November 20	Veterans Priority Registration Day.
November 27	Registration begins at 7:30 a.m.
December 15	Last day for schedule changes for FAFSA.
December 22	Financial Aid award available to students.

Spring semester begins. January 16

Last $\bar{\text{day}}$ to withdraw without a "W" on transcript. January 29

February 20 Spring Graduation Application deadline.

Summer 2018 Semester:

March 13	Schedule available online.
March 15	FAFSA Priority Deadline.
March 23	Veteran Priority Registration Day.
March 26	Registration begins at 7:30 a.m.
June 4	Summer semester begins

June 5 Last day to withdraw without a "W" on transcript.

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
- <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 **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
- <u>Course Prefix</u>: generally three or four characters identifying a department or division in which a course is taught (example: SOC is commonly used for Sociology courses)
- <u>Prerequisites</u>: a course that must be completed prior to taking a subsequent course.
- SUN#: the Shared Unique Number (SUN) System identifies some of the transferable lower-division courses commonly offered at the three Arizona public universities and at least two Arizona community colleges. The system ensures that a SUN course at a participating institution will be accepted as a direct equivalent to the comparable SUN course at the other participating institution.