

Construction Technology (CON)

Associate of Applied Science (AAS) Degree

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Nam	e:	 	
ID#:			

Program Requirements		
GPA	2.0	
Credits	64	

Advising Check Sheet, 2017-18 Catalog

This program emphasizes building fundamentals for any number of career fields. Effective communication and job success strategies are emphasized throughout the program.

	Core Courses 39 Credits	1	
Areas	Courses	Areas	Courses
Level I	(Each course is worth 3 credits unless noted)	711 000	Sources
Electrical & Electronic Systems	□ CON 101 Jobsite Layout □ CON 102 Introduction to Construction Methods □ CON 111 Plan Reading and Employment	Required: 3-Credits Complete	Students <u>MUST choose one course from either</u> Arts & Humanities <u>OR</u> Social & Behavioral Sciences. (Each course is worth 3 credits)
Required: All Complete □	□ CON 120 Concrete and Masonry Systems □ CON 126 Framing Systems (4 credits) □ CON 140 Computer Applications in Construction □ CON 145 Roofing, Thermal and Moisture Protection Systems □ CON 200 Integrated Construction Management/Design □ Laboratory □ CON 228 Electrical Systems □ CON 229 Plumbing and Mechanical Systems □ CON 230 Sustainable Construction □ CON 263 Cost Estimating, Scheduling and Planning □ CON 265 Construction Capstone Portfolio (2 credits)	Arts & Humanities	□ ART 101 Understanding Art □ ART 115 Art History I □ ART 116 Art History II □ ART 215 Native American Art □ ENL 220 World Literature I □ ENL 221 World Literature II □ ENL 224 English Literature II □ ENL 225 English Literature II □ ENL 230 American Literature II □ ENL 231 American Literature II □ HUM 150 Humanities in the Western World II □ HUM 151 Humanities in the Western World II
	General Education Courses 16 Credits		☐ MUS 150 Music Appreciation ☐ MUS 250 World Music
inglish/Com. Required: 6-Credits Complete	(Each course is worth 3 credits) □ ENL 101 College Composition I Plus one of the following: □ ENL 102 College Comp II (required for AGEC) □ ENL 109 Technical Writing		☐ 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
N. d U.	□ SPT 110 Fundamentals of Oral Communication □ SPT 120 Public Speaking	Social & Behavioral Sciences	□ PSY 101 Introduction to Psychology □ *ANT 102 Cultural Anthropology □ ANT 120 Buried Cities and Lost Tribes
Math Required: 3-Credits Complete □	Each course is worth 3 credits unless noted BUS 133 Business Mathematics MAT 101 Basic Technical Math MAT 103 Business Mathematics 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 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) MAT 241 Calculus	566.66	□ ECN 211 Principles of Macroeconomics □ ECN 212 Principles of Microeconomics □ *GEO 110 World Regional Geography □ GEO 120 Human Geography □ *HIS 105 U.S. History to 1877 □ *HIS 106 U.S. History Since 1877 □ *HIS 155 Western Civilization to 1700 □ *HIS 156 Western Civilization since 1700 □ POS 110 American Government □ PSY 240 Developmental Psychology □ PSY 250 Social Psychology □ SOC 101 Introduction to Sociology □ SOC 212 Sex and Gender in Society □ SOC 215 Ethnicity and Race □ SOC 130 Racial, Ethnic and Gender Relations in Society □ SOC 225 Sociology of the Family
Physical & Biological	(Each course is worth 4 credits)		Elective Courses 9 Credits
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	Unrestricted Electives Required: 9 Credits Complete	Select any unduplicated 100-level or above courses. Course: Course: Course:
	GLG 102 Introduction to Geology II –Historical Geology PHY 113 General Physics I PHY 114 General Physics II	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)

Your Semester Plan of Study

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Semester 1	Credits	Semester 2	Credits
CON 101	3	CON 120	3
CON 102	3	CON 145	3
CON 126	4	CON 228	3
CON 111	3	CON 229	3
		Elective	3
Semester 3	Credits	Semester 4	Credits
CON 230	3	ENL 102	3
CON 140	3	Art & Humanities OR Social	3
CON 200	3		
CON 263	3	Elective	3
CON 265	2	Elective	3
		Physical & Biological Science	4

Summer Term	ENL 101	3	Ī
	Mat 101 or higher	3	

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 August 21 Fall semester begins.

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

Financial Aid award available to students.

Fall Graduation Application deadline. October 3

Spring 2018 Semester:

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.
January 16	Spring semester begins.

Last 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.
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Veteran Priority Registration Day. March 23 March 26 Registration begins at 7:30 a.m. June 4 Summer semester begins

Semester 1	Credits	Semester 2	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	\$4,608.00
Fees	\$1,000-\$1,300
Books	\$ 800-\$1200
TOTAL:	\$6,280.00 - \$6,980.00

^{*}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.
- 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.
- Course Prefix: 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.