

PHY 114 General Physics II

Construction Technology (CON)

Associate of Applied Science (AAS) Degree

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| Name: | |
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| Program Requirements | | |
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| GPA | 2.0 | |
| Credits | 64 | |

Advising Check Sheet, 2018-19 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 | | Areas | Courses |
|-------------------------|--|---------------------------|---|
| Areas Level I | Courses (Each course is worth 3 credits unless noted) | Required: 3-Credits | Students <u>MUST choose one course from either Arts & Humanities</u> <u>OR Social & Behavioral Sciences.</u> (Each course is worth 3 credits) |
| Electrical & | CON 101 Jobsite Layout | Complete | |
| Electronic | ☐ CON 101 Jobsite Layout ☐ CON 102 Introduction to Construction Methods | Arts & | ☐ ART 101 Understanding Art |
| Systems | CON 111 Plan Reading and Employment | Humanities | ☐ ART 101 Onderstanding Art |
| Required: All | ☐ CON 120 Concrete and Masonry Systems ☐ CON 126 Framing Systems (4 credits) | | ☐ ART 116 Art History II ☐ ART 215 Native American Art |
| _ | ☐ CON 140 Computer Applications in Construction | | ☐ ENL 220 World Literature I |
| Complete | ☐ CON 145 Roofing, Thermal and Moisture Protection Systems ☐ CON 200 Integrated Construction Management/Design | | ☐ ENL 221 World Literature II ☐ ENL 224 English Literature I |
| | Laboratory | | ☐ ENL 224 English Literature I ☐ ENL 225 English Literature II |
| | CON 228 Electrical Systems | | ☐ ENL 230 American Literature I |
| | ☐ CON 229 Plumbing and Mechanical Systems ☐ CON 230 Sustainable Construction | | ☐ ENL 231 American Literature II ☐ HUM 150 Humanities in the Western World I |
| | ☐ CON 263 Cost Estimating, Scheduling and Planning | | HUM 151 Humanities in the Western World II |
| | CON 265 Construction Capstone Portfolio (2 credits) | | ☐ MUS 150 Music Appreciation ☐ MUS 250 World Music |
| | 0 151 11 0 160 11 | | ☐ PHL 101 Introduction to Philosophy |
| | General Education Courses 16 Credits | | ☐ PHL 103 Introduction to Logic/critical Thinking ☐ PHL 105 Introduction to Ethics |
| English/Com. | (Each course is worth 3 credits) | | ☐ SPT 130 Introduction to Theatre |
| Required: | ☐ ENL 101 College Composition I | | ☐ SPT 150 Introduction to Film ☐ SPT 155 History of Television |
| 6-Credits | Plus one of the following: | Social & | PSY 101 Introduction to Psychology |
| Complete □ | ☐ ENL 102 College Comp II (required for AGEC) ☐ ENL 109 Technical Writing | Behavioral | □ *ANT 102 Cultural Anthropology |
| • | ☐ ENL 109 Technical Writing ☐ SPT 110 Fundamentals of Oral Communication | Sciences | □ ANT 120 Buried Cities and Lost Tribes□ ECN 211 Principles of Macroeconomics |
| | ☐ SPT 120 Public Speaking | | ☐ ECN 211 Principles of Microeconomics |
| Math | (Each course is worth 3 credits unless noted) | | □ *GEO 110 World Regional Geography □ GEO 120 Human Geography |
| Required: | ☐ BUS 133 Business Mathematics | | □ *HIS 105 U.S. History to 1877 |
| 3-Credits | ☐ MAT 101 Basic Technical Math ☐ MAT 103 Business Mathematics | | □ *HIS 106 U.S. History Since 1877 □ *HIS 155 Western Civilization to 1700 |
| Complete | ☐ MAT 109 Algebra I: Introductory | | □ *HIS 156 Western Civilization to 1700 |
| | ☐ MAT 112 Algebra II: Intermediate ☐ MAT 125 Introduction to Statistics | | □ POS 110 American Government □ PSY 240 Developmental Psychology |
| | ☐ MAT 142 College Math with Con App | | ☐ PSY 250 Social Psychology |
| | ☐ MAT 152 Advanced Algebra ☐ MAT 161 Algebra Based Math EE I | | □ SOC 101 Introduction to Sociology □ SOC 212 Sex and Gender in Society |
| | ☐ MAT 162 Algebra Based Math EE II | | SOC 215 Ethnicity and Race |
| | ☐ MAT 189 Pre-Calculus Algebra/Trig ☐ MAT 211 Technical Calculus (4 credits) | | □ SOC 130 Racial, Ethnic and Gender Relations in Society □ SOC 225 Sociology of the Family |
| | ☐ MAT 221 Calculus I (4 credits) | | 1 30C 223 30Clology of the Family |
| | ☐ MAT 231 Calculus II (4 credits) ☐ MAT 241 Calculus III (4 credits) | | Elective Courses 9 Credits |
| Physical & | (Each course is worth 4 credits) | Unrestricted Electives | Select any unduplicated 100-level or above courses. |
| Biological Sciences | ☐ ANT 104 Biological Anthropology & Human Origins | Required: | ☐ Course: |
| | ☐ BIO 100 Biology Concepts ☐ BIO 105 Environmental Biology | 9 Credits | Course: |
| Required: 4-Credits | ☐ BIO 160 Introduction to Human Anatomy& Physiology | Complete | |
| Complete | □ 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 | Total Credits | |
| | | | |
| | ☐ GLG 101 Introduction to Geology I – Physical Geology ☐ GLG 102 Introduction to Geology II –Historical Geology | | |

Suggested Semester Plan of Study

(complete your degree in two years)

Your Semester Plan of Study

Credits

Semester 2

Credits

Semester 1

| 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 | Behavioral Science | |
| CON 263 | 3 | Elective | 3 |
| CON 265 | 2 | Elective | 3 |
| | | Physical & Biological Science | 4 |

| Semester 3 | Credits | Semester 4 | Credits |
|------------|---------|------------|---------|
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Mat 101 or higher 3

Important Dates to Remember:

Fall 2018 Semester:

Summer Term

April 9 Schedule available online..

April 16 Veterans Priority Registration Day.

April 23 Registration begins at 7:30 a.m.

ENL 101

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:

November 13 Schedule available online.

November 19 Veterans Priority Registration Day.
November 26 Registration begins at 7:30 a.m.
January 14 Spring semester begins..

February 20 Spring Graduation Application deadline.

March 11-14 Spring Break May 11 Graduation

Summer 2019 Semester:

March 11 Schedule available online
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

Http:npc.edu/academic-calendar

| Additional | Semesters | as | Needed |
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| 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) | \$4,73600 |
| Fees | \$1,000-\$1,300 |
| Books | \$ 800-\$1200 |
| TOTAL: | \$6,536.00 - 7236.00 |

^{*}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.
- Articulation: 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.
- 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.