



## Architectural Engineering Technology (ARCH) Course of Study 2016-2017

| First Semester I (Fall) |                                  |       |           |        |
|-------------------------|----------------------------------|-------|-----------|--------|
| Course ID               | Course Name                      | T/B/G | Credits   | Ck off |
| ARCH 1200               | Construction Methods & Materials | T     | 3         |        |
| ARCH 1300               | Building Information Modeling I  | T     | 3         |        |
| ENGL 1500               | Composition I                    | G     | 3         |        |
| MATH 1240               | Algebra & Trigonometry I         | G     | 4         |        |
| MECH 1000               | Engineering Graphics             | T     | 3         |        |
|                         | *First Year Experience Elective  | G     | 1         |        |
|                         |                                  |       |           |        |
|                         |                                  |       |           |        |
|                         | <b>Total:</b>                    |       | <b>17</b> |        |

| Second Semester I (Spring) |                                  |       |           |        |
|----------------------------|----------------------------------|-------|-----------|--------|
| Course ID                  | Course Name                      | T/B/G | Credits   | Ck off |
| ARCH 1100                  | Architectural Graphics           | T     | 3         |        |
| ARCH 1400                  | Building Information Modeling II | T     | 3         |        |
| MATH 1250                  | Algebra & Trigonometry II        | G     | 4         |        |
| PHYS 2010                  | Physics I                        | G     | 4         |        |
|                            | *English Elective                | G     | 3         |        |
|                            |                                  |       |           |        |
|                            |                                  |       |           |        |
|                            | <b>Total:</b>                    |       | <b>17</b> |        |

| Summer Session I |                           |       |         |        |
|------------------|---------------------------|-------|---------|--------|
| Course ID        | Course Name               | T/B/G | Credits | Ck off |
| SURV 2190        | Fundamentals of Surveying | T     | 3       |        |
|                  |                           |       |         |        |
|                  |                           |       |         |        |
|                  |                           |       |         |        |
|                  |                           |       |         |        |
|                  | <b>Total:</b>             |       |         |        |

**Curriculum Summary:** General (G)/ Basic (B) = 31 Hours                      Technical (T) = 34 Hours                      Total Curriculum Hours = 65

| Third Semester II (Fall) |                                 |       |           |        |
|--------------------------|---------------------------------|-------|-----------|--------|
| Course ID                | Course Name                     | T/B/G | Credits   | Ck off |
| ALTE 2500                | Energy Systems Management       | T     | 4         |        |
| ARCH 2300                | Advanced Architectural Modeling | T     | 3         |        |
| ARTS 1010                | Art History I                   | G     | 3         |        |
| MECH 2200                | Statics                         | T     | 3         |        |
|                          | *Communication Elective         | G     | 3         |        |
|                          |                                 |       |           |        |
|                          |                                 |       |           |        |
|                          | <b>Total:</b>                   |       | <b>16</b> |        |

| Fourth Semester II (Spring) |                                       |       |           |        |
|-----------------------------|---------------------------------------|-------|-----------|--------|
| Course ID                   | Course Name                           | T/B/G | Credits   | Ck off |
| ARTS 1020                   | Art History II                        | G     | 3         |        |
| MECH 2300                   | Strength of Material                  | T     | 3         |        |
| MECH 2700                   | Project Management                    | T     | 3         |        |
|                             | *Social & Behavioral Science Elective | G     | 3         |        |
|                             |                                       |       |           |        |
|                             |                                       |       |           |        |
|                             | <b>Total:</b>                         |       | <b>12</b> |        |

| Summer Session II |               |       |         |        |
|-------------------|---------------|-------|---------|--------|
| Course ID         | Course Name   | T/B/G | Credits | Ck off |
|                   |               |       |         |        |
|                   |               |       |         |        |
|                   |               |       |         |        |
|                   |               |       |         |        |
|                   |               |       |         |        |
|                   | <b>Total:</b> |       |         |        |

**NOTE:** Students must complete the computer literacy requirement in order to graduate which may be met through competency testing or completion of a program specific computer course. Refer to the degree audit and consult with the program advisor for the appropriate course(s) that meet the computer literacy requirement.

**\*ADDITIONAL INFORMATION ON REVERSE**

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| Communication Electives |                             |   |
|-------------------------|-----------------------------|---|
| COMM 1220               | Interpersonal Communication | 3 |
| COMM 2610               | Public Speaking             | 3 |

| English Electives |                   |   |
|-------------------|-------------------|---|
| ENGL 2500         | Composition II    | 3 |
| ENGL 2800         | Technical Writing | 3 |

| First Year Experience Electives |                               |   |
|---------------------------------|-------------------------------|---|
| FYEX 1010                       | First Year Success Strategies | 1 |
| FYEX 1020                       | Linked Freshman Seminar       | 1 |

| Social & Behavioral Science Electives |   |   |
|---------------------------------------|---|---|
| BUSM 1510                             | Microeconomics                            | 3 |
| BUSM 1520                             | Macroeconomics                            | 3 |
| GEOG 1610                             | U.S. Geography                            | 3 |
| GEOG 1710                             | World Regional Geography                  | 3 |
| HIST 1100                             | Western Civilization to 1492              | 3 |
| HIST 1110                             | Western Civilization from 1492 to Present | 3 |
| HIST 1200                             | U.S. History I                            | 3 |
| HIST 1210                             | U.S. History II                           | 3 |
| POLS 1010                             | American National Government              | 3 |
| PSYC 1010                             | Introduction to Psychology                | 3 |
| PSYC 1100                             | Psychology of Gender                      | 3 |
| PSYC 2010                             | Abnormal Psychology                       | 3 |
| PSYC 2030                             | Child/Adolescent Psychology               | 3 |
| PSYC 2080                             | Psychology of Personality                 | 3 |
| PSYC 2170                             | Social Psychology                         | 3 |
| PSYC 2310                             | Educational Psychology                    | 3 |
| SOCI 1010                             | Introduction to Sociology                 | 3 |
| SOCI 1500                             | Sociology of the Family                   | 3 |
| SOCI 2050                             | Deviant Behavior                          | 3 |
| SOCI 2060                             | Race and Ethnicity                        | 3 |
| SOCI 2180                             | Social Problems                           | 3 |
| WMST 1010                             | Introduction to Women's Studies           | 3 |