College of Basic and Applied Sciences

Upper Division Form 2016-2017 Catalog

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| Student name |  |  | Student # |  |
|  |  |  |  |  |
| Major | Construction Management  |  | Minor |  |
|  |  |  |  |  |
| Concentration | Electrical Construction Management |  | E-mail |  |

**Instructions: For students graduating in Fall 2016 or later. *One (1) copy signed by major and minor advisors should be filed with the***

***Graduation Coordinator in KUC room 322 three semesters prior to graduation. An Intent to Graduate form should accompany this form.***

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| **General Studies Area** | Course |  **Semester**  | Grade | Notes | Credit Hours |
| **COMMUNICATION** (9 hours) | **ENGL 1010** |  |  |  | 3 |
| **ENGL 1020** |  |  |  | 3 |
| **COMM 2200** |  |  |  | 3 |
| **HISTORY** (6 hours)Choose two: HIST 2010, HIST 2020,HIST 2030 |  |  |  |  | 3 |
|  |  |  |  | 3 |
| **HUMANITIES AND/OR FINE ARTS** (9 hours) Choose 1: ENGL 2020, 2030 or HUM 2610. Choose 2 with different prefixes: ANTH 2210, ART 1030, ART 1920, DANC 1000, HIST 1010, 1020, 1110, or 1120, MUS 1030, PHIL 1030, THEA 1030 |  |  |  |  | 3 |
|  |  |  |  | 3 |
|  |  |  |  | 3 |
| **MATHEMATICS** (3 hours) | **MATH 1720** |  |  |  | 3 |
| **NATURAL SCIENCES** (8 hours) **4 hours must come from: PHYS 1110, 2010/2011, or 2110/2111l;** Choose four more credits from:ASTR 1030/1031, BIOL 1030/1031, BIOL 1110/1111,BIOL 2010/2011,BIOL 2020/2021, **CHEM 1010/1011, CHEM 1110/1111, GEOL 1030/1031,GEOL 1040/1041,** PSCI 1030/1031, PSCI 1130/1131 **(courses in bold recommended)** | **PHYS 1110, 2010/2011, or 2110/2111** |  |  |  | 4 |
|  |  |  | **\*\* CHEM OR GEOL RECOMMENDED \*\*** | 4 |
| **SOCIAL/BEHAVIORAL SCIENCES** (6 hours**)** Choose two (different rubrics)**:** AAS 2100, ANTH 2010, ECON 2410, ECON 2420, EMC/JOUR/RIM 1020,GEOG 2000, GS 2010, HLTH 1530/1531, PS 1010, 1005, PSY 1410, RS 2030, SOC 1010, 2010, WGST 2100 |  |  |  |  | 3 |
|  |  |  |  | 3 |
| Hours Required | 41 |

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| **Major Courses** | Course | **Semester**  | Grade | Notes | Credit Hours |
| **Introduction to Construction Systems** | **CMT 1100** |  | NJATC |  | 3 |
| **Land Development & Residential Building** | **CMT 3155** |  |  |  | 3 |
| **Cost Estimating I** | **CMT 3160** |  |  |  | 3 |
| **Residential Codes, Regulations, Specs., & Plan Reading** | **CMT 3210** |  | NJATC |  | 3 |
| **Construction Law** | **CMT 4010** |  |  |  | 3 |
| **Scheduling** | **CMT 4120** |  |  |  | 3 |
| **Construction Administration** | **CMT 4130** |  |  |  | 3 |
| **Capstone/Electrical Construction Management** | **CMT 4172** |  |  |  | 3 |
| **Computer-Assisted Drafting l** | **ET 2310** |  |  |  | 3 |
| **Introduction to Electricity & Electronics** | **ET 3610** |  | NJATC |  | 4 |
| **Digital Circuit Fundamentals** | **ET 3620** |  |  |  | 3 |
| **Electronics I** | **ET 3630** |  | NJATC |  | 3 |
| **Engineering Safety** | **ENGR 3920** |  |  | Formerly ET 4420 | 3 |
| **Programmable Logic Controllers** | **ET 4600** |  | NJATC |  | 2 |
| **Instrumentation and Controls** | **ET 4610** |  |  |  | 3 |
| **Industrial Electricity** | **ET 4640** |  | NJATC |  | 3 |
| Hours Required | 46 |

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| Supporting and Elective Courses |
| Course | **Semester**  | Grade | Notes | Credit Hours |
| **ACCT 3000 – Survey of Accounting For General Business** |  |  |  | 3 |
| **ET 3920 – Industrial Internship I** |  | NJATC |  | 3 |
| **ET 3930 – Industrial Internship II** |  | NJATC |  | 3 |
| **INFS 2200 – Introduction to Micro computing** |  |  |  | 3 |
| **MATH 1530 – Applied Statistics** |  |  |  | 3 |
| **MATH 1710 – College Algebra** |  |  |  | 3 |
| **SPAN 1010 – Elementary Spanish I** |  |  |  | 3 |
| **ENGR 3915 - Technical Project Management and Soft Skills or****ENGR 3970 - Engineering Economy** |  |  | Formerly ET 4915 and ET 4970 | 3 |
| **Elective credits** |  |  | Not required if completing a minor | 7 |
| Hours Required | 33 |

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| Optional Minor |
| Course | **Semester** | Grade | **Notes** | Credit Hours |
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|  |  |  |  |  |
| Hours Required |  |
| Signed:  |  |  |
| Minor Advisor | Date |

|  |  |  |
| --- | --- | --- |
| Signed:  |  |  |
| Major Advisor | Date |

1. Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
2. Learning Support courses do not count toward the 120-hour requirement or cumulative GPA.