

**College of Basic and Applied Sciences
Upper Division Form 2020-2021 Catalog**

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

Instructions: For students graduating in Summer 2020 or later. One (1) copy signed by major and minor advisors should be filed with the Graduation Analyst in DSB 120 three semesters prior to graduation. An Intent to Graduate form must accompany this form.

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 one: ENGL 2020, 2030 or HUM 2610. Choose two different subjects: 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) Choose one: MATH 1010, 1530, 1630, 1710, 1720 , 1730, 1810, 1910				MATH 1720 required for major	3
NATURAL SCIENCES (8 hours) Choose two different subjects: ASTR 1030/1031, BIOL 1030/1031, BIOL 1110/1111, BIOL 2010/2011, BIOL 2020/2021, CHEM 1010/1011, CHEM 1030/1031, CHEM 1110/1111, GEOL 1030/1031, GEOL 1040/1041, PGEO 1030, PHYS 1110, PHYS 2010/2011, PHYS 2110/2111 , PSCI 1030/1031, PSCI 1130/1131	PHYS			PHYS 2010/2011, PHYS 2110/2111 or PHYS 1110 required for major	4
					4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two different subjects: 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

Major Courses	Course	Semester	Grade	Notes	Credit Hours
Introduction to Construction Systems	CMT 1100			NJATC credit posted in last semester	3
Land Development & Residential Building	CMT 3155				3
Cost Estimating I	CMT 3160				3
Residential Codes, Regulations, Specs., & Plan Reading	CMT 3210			NJATC credit posted in last semester	3
Concrete & Construction Law	CMT 4010				3
Scheduling	CMT 4120				3
Construction Administration	CMT 4130				3
Capstone for Electrical Construction Management	CMT 4172				3
Engineering Safety	ENGR 3920				3
Computer-Assisted Drafting & Design I	ET 2310				3
Introduction to Electricity & Electronics	ET 3610			NJATC credit posted in last semester	4
Digital Circuit Fundamentals	ET 3620				3
Electronics	ET 3630			NJATC credit posted in last semester	3
Programmable Logic Controllers	ET 4600			NJATC credit posted in last semester	3
Instrumentation & Controls	ET 4610				3
Industrial Electricity	ET 4640			NJATC credit posted in last semester	3
Hours Required					49

Supporting and Elective Courses				
Course	Semester	Grade	Notes	Credit Hours
ACTG 3000 – Survey of Accounting For General Business			ACTG 2110 & ACTG 2120 also accepted	3
ET 3920 – Industrial Internship I			NJATC credit posted in last semester; CMT 3300 also accepted	3
ET 3930 – Industrial Internship II			NJATC credit posted in last semester; CMT 3300 also accepted	3
ENGR 3915 - Technical Project Management & Soft Skills OR ENGR 3970 - Engineering Economy				3
INFS 2200 – Introduction to Micro computing			CSCI 1150 also accepted	3
MATH 1530 – Applied Statistics				3
MATH 1710 – College Algebra				3
MATH 1720 – Trigonometry			Credits can count in general education	0-3
SPAN 1010			SPAN 1015 also accepted	3
PHYS 2010/2011 or PHYS 2110/2111 or PHYS 1110			Credits can count in general education	0-4
Elective Courses - 6 additional credits needed to reach 120 required for graduation				
Hours Required				30

Optional Minor				
Course	Semester	Grade	Notes	Credit Hours
Hours Required				

1. Degrees require a minimum of 120 semester hours completed with a cumulative and major GPA of 2.0 or higher. Minimum of 36 upper-division hours (3000/4000 level) and a minimum of 50 senior college hours (earned at four-year University) also required.
2. A minimum of 12 credits must be earned at the 3000/4000 level in each major

Major Advisor Signature	Date