

TAMS Computer Science/Engineering to Construction Engineering Technology 2020-2021 Catalog Year

Year One

FALL		SPRING	
MATH 1650, Pre-Calculus	5	MATH 1710, Calculus I	4
ENGL 1315, Writing I	3	ENGL 1325, Writing II	3
PSCI 2305 or 2306, Government	3	CHEM 1420, Chemistry II	3
CHEM 1410, Chemistry I	3	CHEM 1440, Chemistry II Lab	1
CHEM 1430, Chemistry I Lab	1	CSCE 1030, Computer Science I	4
Seminar	0	Seminar	0
Total hours	15	Total hours	15

Year Two

FALL		SPRING	
MATH 1720, Calculus II	3	PHYS 2220, Electricity and Magnetism	3
PHYS 1710, Mechanics	3	PHYS 2240, Electricity and Magnetism Lab	1
PHYS 1730, Mechanics Lab	1	ENGL 2220, World Literature	3
ENGL 2210, World Literature	3	HIST 2620, U.S. History II	3
HIST 2610, U.S. History I	3	CNET 2180, Building Construction Tech.	3
CSCE 1040, Computer Science II	3	ENGR 2301, Statics	3
CNET 1160, Construction Methods	3	ENGR 1030, Technological Systems	3
Seminar	0	Seminar	0
Total hours	19	Total hours	19

SUMMER	
TECM 2700, Technical Writing	3
ENGR 2332, Mechanics of Materials	4
Total hours	7

Year Three

FALL		SPRING	
CNET 2300, Construction Graphics	3	CNET 3190, Construction Scheduling	3
CNET 3150, Contract Documents	3	CNET 3440, Steel Structures	3
CNET 3160, Cost Estimating	3	CNET 3460, Soils and Foundations	3
CNET 3430, Structural Analysis	3	CNET 3410, Occupational Safety	3
ECON 1100, Microeconomics	3	ACCT 2010, Accounting I	3
Total Hours	15	Total Hours	15

SUMMER	
PSCI 2305 or 2306, Government	3
Creative Arts Core	3
Total hours	6

Year Four

FALL		SPRING	
CNET 3480, Structural Design	3	CNET 4180, Problems in Project Mgmt.	3
CNET 4170, Construct. Management	3	CNET 4620, Advanced Design	3
CNET 4780, Design I	1	CNET 4790, Design II	3
BCIS 3610, Information Systems	3	OPSM 3830, Operations Mgmt.	3
BLAW 3430, Real Estate Law	3	BLAW 4770, Legal and Ethical Env.	3
Total Hours	13	Total Hours	15

Master of Science Grad Track Option Available.

Completion of 9 hours of grad track during bachelor's degree plan results in 21-24 hours to earn master's degree.