

**Department of Applied Technology**  
**Bachelor of Science in Technology Studies**  
**Construction Technology**

**TECS Core Requirements – 36 credit hours**

TECS 120 – Power, Energy, and Transportation (3)  
TECS 130 – STEM in Technology Systems (3)  
TECS 200 – Engineering Graphics (3)  
TECS 312 – Graphic Communication Techniques (3)  
TECS 318 – Introduction to Computer Aided Drafting (3)  
TECS 406 – Problems in Technology: Industrial Safety Course (1)  
TECS 480 – Industrial Management (3)  
TECS 490 – Occupational Safety, Health, and Liability (2)  
TECS 495 – Training & Instructional Systems (3)  
TECS 499 – Internship (12)

**TECS Construction Technology - 27 credit hours**

TECS 180 – Materials, Processes & Production (3)  
TECS 240 – Plastic Processes (3)  
TECS 280 – Wood Processes (3)  
TECS 314 – Furniture and Cabinetmaking Construction. (3)  
TECS 380 – Materials Finishing & Testing (3)  
TECS 415 – Construction Graphics (3)  
TECS 420 – Fluid Systems: Hydraulics/Pneumatics (2)  
TECS 440 – Maintenance & Repair of Equipment (1)  
TECS 475 – Mechanical and Electrical Systems (3)  
TECS 485 – Building Construction (3)

**TECS Management Requirements – 6 credit hours**

MGT 101 – Intro to Business (3)  
MGT 301 – Management Principles (3)

**TECS General Education Requirement – 16 credit hours**

MATH 101 – Liberal Arts Mathematics (3) *or* MATH 110 – College Algebra (3)  
MATH 250 – Elements of Statistics (3) *or* MATH 234 Analytic Geometry & Calculus I (5)  
GSCI 100 – Introduction to Geology (3)  
PHYS 102 – Physical Science (3)  
PHYS 103 – Physical Science Laboratory (1) *or* GSCI 102 – Introduction to Geology Lab (1)  
IDS 390 – Technology in Society (3)

**General Education Requirements: 39 credit hours + 16 program (Total of 55 hours)**

**Total Hours – 124 Hours**