CONSTRUCTION MANAGEMENT, BACHELOR OF APPLIED SCIENCE (BAS) - EASCTC MILLWRIGHT APPRENTICESHIP

Curriculum Guide

GPA Requirement

Major GPA: 2.00 or higher | **Overall GPA:** 2.00 or higher

SUMMARY*

Category	Hours
Transfer General Education Coursework	25
SRU General Education Coursework	18
SRU Major Requirements	41
Transfer Electives	48
Total Hours	**132**

** All undergraduate degree programs require a minimum of 120 credits. Some courses meet multiple requirements, but are only counted once toward the 120-credit total required to graduate.*

Millwright GENERAL EDUCATION REQUIREMENTS

Course	Title	Hours
Required Coursework		
ENGL 205	Introduction to Professional Writing	3
MATH 111	Introductory Concepts of Geometry (from Apprenticeship Program)	1
MATH 131	Advanced Calculations (from Apprenticeship Program)	2
ECON 202	Principles of Microeconomics	3
ACCT 209	Financial Accounting	3
CONT 111	Welding and Fabrication (from Apprenticeship Program)	3
COMM 200	Civil Discourse	3
HIST 336	American Economic History	3
LEAD 101	Introduction to Leadership	3
CONT 113	Pump Parts and Components (from Apprenticeship Program)	2
CONT 220	Steam Turbine: Theory (from Apprenticeship Program)	3
CONT 221	Pump Theory (from Apprenticeship Program)	2
Subtotal		*31*
Trades General Education Elective Courses		
CONT 112	Introduction to Millwright Theory and Practice (from Apprenticeship Program)	3
CONT 113	Millwright Tools (from Apprenticeship Program)	3
CONT 222	Welding and Fabrication II (from Apprenticeship Program)	4
SFTH 100	OSHA30 (from Apprenticeship Program)	2
Subtotal		*12*
Total Hours		**43**

DIVERSITY, EQUITY, AND INCLUSION REQUIREMENT

Students must take and pass a course with the Diversity, Equity, and Inclusion (DEI) designation prior to graduation. Students can meet this requirement by taking any DEI - designated course in any program at any time during their undergraduate career.

Major/Concentration Requirements

21 major credits must be taken at SRU or PASSHE
21 major credits must be taken at the 300 level or above

Code	Title	Hours
Construction Project Management Courses		
COMG 100	Fundamentals of Construction Management	3
COMG 330	Facility Systems Design and Construction	3
COMG 350	Construction Law and Contracts	3
CIVL 440	Construction Management	3
MGMT 351	Organizational Behavior	3
Subtotal		*15*
Construction Safety Courses		
SFMG 258	Construction Safety	3

SFMG 368	Injury and Damage Incidents Evaluation	3
COMG 420	Heavy Construction Methods and Equipment	3
ACCT 340	Legal Environment of Business	3
Subtotal		*12*
Construction Technology Courses		
COMG 220	Construction Estimating and Scheduling with Lab	3
COMG 340	Mechanical and Electrical Systems for Construction	3
ENGR 120	Engineering Design Tools	2
GES 115	Introduction to Geospatial Technologies	3
GES 325	Introduction to Geographic Information Science	3
Subtotal		*14*
Total Hours		**41**

**Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.*

ELECTIVES

Category	Hours
Transfer Electives	48
Total Hours	**48**

Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.

PASSHE - Pennsylvania State System of Higher Education Institutions