

CONSTRUCTION AND TRADES MANAGEMENT (ACC)

Upon completion of the major, students will be able to (i.e., program prepares Christian leaders for managerial roles in both small businesses and large scale construction operations. outcomes): Students will be equipped to manage projects, ensure safety and compliance with state and federal regulations, utilize technology for design and modeling, and make data-driven decisions.

Communicate orally and in writing using a variety of methods for construction and trades audiences; [professional communication] Evaluate legal, ethical, and safety issues that are guided by professional and Christian standards in decision making and problem solving; [legal, ethical, safety issues] Administer modern methods of electronic technology, cost estimating and control, project scheduling techniques, and project management to chosen field; [project management] Administer field inspection techniques and safety standards while maintaining high-quality assurance and control; [field techniques] and Navigate organizational dynamics, including leadership and employee development as relevant to construction and trades organizations.[group and organizational dynamics]

Program Learning Outcomes

1. Communicate orally and in writing using a variety of methods for construction and trades audiences; [professional communication]
2. Evaluate legal, ethical, and safety issues that are guided by professional and Christian standards in decision making and problem solving; [legal, ethical, safety issues]
3. Administer modern methods of electronic technology, cost estimating and control, project scheduling techniques, and project management to chosen field; [project management]
4. Administer field inspection techniques and safety standards while maintaining high-quality assurance and control; [field techniques] and
5. Navigate organizational dynamics, including leadership and employee development as relevant to construction and trades organizations. [group and organizational dynamics]

Curriculum

Code	Title	Hours
	Post-Traditional Core Requirements (https://catalog.cuw.edu/undergraduate/university/acad-prog/post-trad/core/)	44
	School of Business Core Requirements	18
	Major Requirements	30
	Electives	28
	Total Hours	120

Business School Core Courses

Code	Title	Hours
BUS 272	Organizational Management Principles	3
BUS 315	Business Statistics (Counts as Mathematics Post-Traditional Core)	
MGMT 336	Human Resource Management	3
MGMT 450	International Business	3
MGMT 472	Managing Change	3
MGMT 345	Diversity, Inclusion, and Human Relations	3

BUS 453	Business Policy and Ethics (Business School Capstone)	3
Total Hours		18

Major Requirements

Code	Title	Hours
LA 115	Student Success Strategies	3
BCOM 247	Business Writing	3
BUS 269	Workplace Health and Safety	3
BUS 220	Introduction to LEAN (or)	3
BUS 225	Introduction to Six Sigma	
CTM 200	Codes and Compliance in Construction and Trades ²	3
CTM 210	Intro to Construction Methods, Materials, and Systems ²	3
BUS 240	Project Management ²	3
CTM 220	Architectural Design and Technology ²	3
CTM 300	Legal & Ethical Issues in Construction and Trades ²	3
CTM 310	Advanced Construction Methods, Materials, and Systems ²	3
REL 159	Heritage of Faith (Counts as Common Core Experience Post-Traditional Core)	
ENG 210	College Writing (Counts as Communication and Language Post-Traditional Core)	
Total Hours		30

2. All students pursuing a Business major must earn a grade of C - or better in these required courses *in addition* to the Business Core courses