

ACCE SLO	Construction Program Courses	Comments
None	AEC 132 Digital Communications 1	
None	AEC 234 Digital Communications 2	
9, 10,20	AEC 450 BIM	
8, 18	AEC 204 * Materials + Methods	
20	AEC 315 * MEP Systems	
11	BCT 205* Surveying	Fall 2019- course to change to BCT 305
2, 6, 9, 13, 15	BCT 377 Construction PM	
1, 2, 3, 4, 5	BCT 400 Senior Capstone	
12	BCT 174 Construction Organization	Fall 2019-Course to be AEC 101--History of the Built Environment
3, 13, 17	BCT 380 Constr. Safety	
None	AEC 300 Seminar	
7, 12, 15	AEC 380 Specs. + Contract Docs	Fall 2019- course to change to AEC 480- Professional Practice & Construction Law
1, 6, 17	AEC 478 Applications of Construction Law	Fall 2019- Course inactivated & removed from CM degree
19	AEC 270 Statics + Strength of Materials	
19	AEC 344 Structural Design	
8	BCT 445 * Soils + Foundations	
None	AEC 254 Estimating I	
4	AEC 365 Estimating II	
5	AEC 258 Construction Planning & Scheduling	
10, 14, 16	BCT 386 Project Controls	
13	AEC 390 Engineering Economics	Fall 2019- course removed from CM degree requirements
None	AEC 496 Internship	

ACCE SLO	Construction Courses	ACCE SLO Criteria
1	AEC 478; BCT 400	Create written communications appropriate to the construction discipline.
2	BCT 377; BCT 400	Create oral presentations appropriate to the construction discipline.
3	BCT 380; BCT 400	Create a construction project safety plan.
4	AEC 365; BCT 400	Create construction project cost estimates.
5	AEC 258; BCT 400	Create construction project schedules
6	AEC 478; BCT 377	Analyze professional decisions based on ethical principles.
7	AEC 380	Analyze construction documents for planning and management of construction processes.
8	AEC 204*; BCT 445*	Analyze methods, materials, and equipment used to construct projects
9	AEC 450; BCT 377	Apply construction mgmt. skills as a member of a multi-disciplinary team.
10	AEC 450; BCT 386	Apply electronic-based technology to manage the construction process.
11	BCT 205*	Apply basic surveying techniques for construction
12	BCT 174; AEC 380	Understand different methods of project delivery, roles and responsibilities of constituencies involved in the design and construction process.
13	AEC 390; BCT 377; BCT 380	Understand construction risk management.
14	BCT 386	Understand construction accounting and cost control.
15	BCT 377; AEC 380	Understand construction quality assurance and control.
16	BCT 386	Understand construction project control processes.
17	AEC 478; BCT 380	Understand the legal implications of contract, common, and regulatory law to manage a construction project.
18	AEC 204*	Understand the basic principles of sustainable construction.
19	AEC 270; AEC 344	Understand the basic principles of structural behavior.
20	AEC 315*; AEC 450	Understand the basic principles of mechanical, electrical and piping systems.

*NCCER

http://www.acce-hq.org/images/uploads/OBS_Concordance_Final_0108161.pdf