Assessment Plan

	Learning Outcomes	Introduce	Practice	Demonstrate	Evidence	From Course	Semester	Faculty
1	Create written communications appropriate to the construction discipline.	111/L	330	420/480	Field Book	420	F2014, F2016	MacDonald
2	Create oral presentations appropriate to the construction discipline.	111	450	480	Presentation	480	F2014, F2016	McNabb
3	Create a construction project safety plan.			330	Assignment	330	F2014, F2016	Ellingson
4	Create construction project cost estimates.	100		314, 480	Assignment	314	F2014, F2016	Bawinkel
5	Create construction project schedules.	100		304, 480	Assignment	304	F2014, F2016	Baker
6	Analyze professional decisions based on ethical principles.	100	450	101	Paper	101	S2015, S2017	Ellingson
7	Analyze construction documents for planning and management of construction processes.	213	201, 214, 314	485	Presentation	201	S2015, S2017	Bawinkel
8	Analyze methods, materials, and equipment used to construct projects.	100	306, 418	111	Quiz	111	S2015, S2017	Baker
9	Apply construction management skills as an effective member of a multi-disciplinary team.			480	Peer Review	480	S2015, S2017	McNabb
10	Apply electronic-based technology to manage the construction process.	106	214, 304, 314	480	Assignment	304	S2015, S2017	Baker
11	Apply basic surveying techniques for construction layout and control.			420	Field Book	420	F2015, F2017	MacDonald
12	Understand different methods of project delivery and the roles and responsibilities of all constiuencies involved in the design and construction process.	100, 101		201	Exam	201	F2015, F2017	Bawinkel
13	Understand construction risk management.		450	485	Report/Test	485	F2015, F2017	Baker
14	Understand construction accounting and cost control.	304		330	Exam	330	F2015, F2017	Ellingson
15	Understand construction quality assurance and control.	111L		450	HW, Exam	450	F2015, F2017	Baker
16	Understand construction project control processes.	201	304	330	Assignment	330	S2016, S2018	Ellingson
17	Understand the legal implications of contract, common, and regulatory law to manage a construction project.	201	306	485	Exam	485	S2016, S2018	Baker
18	Understand the basic principles of sustainable construction.	201	306		Quiz	306	S2016, S2018	Ellingson
19	Understand the basic principles of structural behavior.	306	318	418	Exam	318	S2016, S2018	MacDonald
20	Understand the basic principles of mechanical, electrical and plumbing systems.	213, ECT 369			Exam, HW	213, 369	S2016, S2018	Ellingson, Malooley

Assessment Rollout

	Learning Outcomes	F 2014	S 2015	F 2015	S 2016	F 2016	S 2017	F 2017	S 2018	F 2018	S 2019	F 2019	S 2020	F 2020	S 2021	F 2021	S 2022	F 2022	S 2023
1	Create written communications appropriate to the construction discipline.	✸				✸				✸				✸				✸	
2	Create oral presentations appropriate to the construction discipline.	✸				✸				✸				✸				✸	
3	Create a construction project safety plan.	✸				✸				✸				✸				✸	
4	Create construction project cost estimates.	✸				✸				✸				✸				✸	
5	Create construction project schedules.	✸				✸				✸				✸				✸	
6	Analyze professional decisions based on ethical principles.		✸				✸				✸				✸				✸
7	Analyze construction documents for planning and management of construction processes.		✸				✸				✸				✸				✸
8	Analyze methods, materials, and equipment used to construct projects.		✸				✸				✸				✸				✸
9	Apply construction management skills as an effective member of a multi-disciplinary team.		✸				✸				✸				✸				✸
10	Apply electronic-based technology to manage the construction process.		✸				✸				✸				✸				✸
11	Apply basic surveying techniques for construction layout and control.			✸				✸				✸				✸			
12	Understand different methods of project delivery and the roles and responsibilities of all constiuencies involved in the design and construction process.			✸				✸				✸				✸			
13	Understand construction risk management.			✸				✸				✸				✸			
14	Understand construction accounting and cost control.			✸				✸				✸				✸			
15	Understand construction quality assurance and control.			✸				✸				✸				✸			
16	Understand construction project control processes.				✸				✸				✸				✸		
17	Understand the legal implications of contract, common, and regulatory law to manage a construction project.				✸				✸				✸				✸		
18	Understand the basic principles of sustainable construction.				✸				✸				✸				✸		
19	Understand the basic principles of structural behavior.				✸				✸				✸				✸		
20	Understand the basic principles of mechanical, electrical and plumbing systems.				✸				✸				✸				✸		