Bowling Green State University - 2020-2021 School Year: Updated 5/21/2020

SLO Course Assessment Matrix

	Student Learning Outcome	Assessment Cycle	Assessment Instrument	Topics in Construction	CADD for Architecture and Construction	Introduction to Construction	Construction Document Reading	Computer Aided Design	Construction Surveying	Construction Materials and Testing	Structural Design	Heating, Ventilating and Air Conditioning Systems	Estimating and Cost Control	BIM For Constructors	Temporary and Concrete Structures for Construction	Safety/Health Management	Construction Methods and Practices	Construction Estimating Computer Applications	Construction Contracting	Construction Scheduling	Construction Capstone	AIC Exam	Graduating Student Exit Assessment
				CONS 1010 (2 CH)	ARCH 1100 (3 CH)	CONS 2350 (3 CH)	CONS 2590 (3 CH)	ARCH 2710 (3 CH)	CONS 3180 (3 CH)	CONS 3350 (3 CH)	CONS 3360 (3 CH)	CONS 3370 (3 CH)	CONS 3590 (3 CH)	CONS 3710 (3 CH)	CONS 4060 (3 CH)	CONS 4110 (3 CH)	CONS 4350 (3 CH)	CONS 4590 (3 CH)	CONS 4400 (3 CH)	CONS 4420 (3 CH)	CONS 4700 (3 CH)		
1	Create written communications appropriate to the construction discipline.	2017-2018	Scope Letter	I	R			R	R	R			DA	R		R	R		R		R	N/A	IA
2	Create oral presentations appropriate to the construction discipline.	2017-2018	Final Presentation				I													R	DA	N/A	IA
3	Create a construction project safety plan.	2016-2017	Safety Plan Assign				I			R	R		R			DA					R	N/A	IA
4	Create construction project cost estimates.	2016-2017	Final Project				I	R					DA					R			R	N/A	IA
5	Create construction project schedules	2018-2019	Assignment #13				I					R	R					R		DA	R	N/A	IA
6	Analyze professional decisions based on ethical principles.	2016-2017	Ethical Memo	I									R				R		DA		R	IA	IA
7	Analyze construction documents for planning and management of construction processes.	2017-2018	Final Exam		I	R	DA	R		R		R	R	R			R	R		R	R	IA	IA
8	Analyze methods, materials, and equipment used in construction processes.	2018-2019	Methods Assignment			I	R			R					R		DA				R	IA	IA
9	Apply construction management skills as a member of a multidisciplinary team.	2017-2018	Capstone Project			I					R			R							DA	N/A	IA
10	Apply electronic-based technology to manage the construction process.	2018-2019	BIM Software		I			R					R	R			DA	R		R	R	N/A	IA
11	Apply basic surveying techniques for construction layout and control	2016-2017	Skills Assess and Final Exam				I		DA								R				R	N/A	IA
12	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	2017-2018	Exam #2	I		R						R	R				R		DA		R	IA	IA
13	Understand construction risk management.	2016-2017	Exam #4										I				DA		R		R	IA	IA
14	Understand construction accounting and cost control.	2017-2018	Cost Control Assignment				I						R				R	DA			R	IA	IA
15	Understand construction quality assurance and control.	2018-2019	Matl Testing Assignment			I	R			DA				R			R				R	IA	IA
16	Understand construction project control processes.	2018-2019	Cost Loading Assignment														I			DA		IA	IA
17	Understand the legal implications of contract, common, and regulatory law to manage a construction project.	2016-2017	Exam #5 and #6			I													DA		R	IA	IA
18	Understand the basic principles of sustainable construction.	2016-2017	Test #2 - 4 Extract Questions	I		DA				R		R	R									IA	IA
19	Understand the basic principles of structural behavior.	2018-2019	Structures Assignment			I				R	DA				R							IA	IA
20	Understand the basic principles of mechanical, electrical and piping systems.	2017-2018	HVAC Assignment	I	R			R				DA										IA	IA

DA = Direct Assessment

IA = Indirect Assessment

I = Introduced

R = Reinforced

Currently 53 credit hours - 50 are the minimum for ACCE