Bowling Green State University - 2019-2020 School Year: Updated 5-17-19

SLO Course Assessment Matrix

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

DA = Direct Assessment

IA = Indirect Assessment

I = Introduced

R = Reinforced

Currently 53 credit hours - 50 are the minimum for ACCE