PROGRAM OUTCOMES ASSESSMENT SEMESTER REPORT   **Fall 2018**

DEGREE/CERTIFICATE:	Construction ManagementAssociate of Applied Science (AAS)
DIVISION:	Business, Social Sciences, and History

PROGRAM OUTCOME#	Course Number	Learning Outcome	N	N≥90	89-70	Percentage of Students Competent in Mapped Outcome
Program Outcome 1:						
Read construction drawings and specifications and apply knowledge when estimating and managing projects.	CMGT 1103	3. Interpret working drawings of residential and commercial structures	34	29	4	97.06%
	CMGT 2103	1. Interpret project plans and specifications to prepare an estimate	26	17	9	100.00%
	CMGT 2203	2. Demonstrate proper use of documents for managing construction projects	31	0	31	100.00%
Comments on Program Outcome 1: Students achieved a 70% or better.						
Program Outcome 2:						
Explain the need for safety awareness in the construction industry and apply safety regulations on the job site.	CMGT 1033	1. Describe the role of OSHA on construction sites and in construction accidents	44	0	44	100.00%
		2. Identify unsafe acts and unsafe conditions and how they cause construction accidents	44	0	44	100.00%
		3. Recognize the four most common causes of construction site fatalities and how to prevent them	44	0	44	100.00%
	CMGT 2253	2. Communicate the importance of life safety in the construction and maintenance of buildings	21	0	21	100.00%
	CMGT 2303	2. Apply basic structural design principles	16	0	16	100.00%
Comments on Program Outcome 2: Students achieved a 70% or better.						
Program Outcome 3:						

Communicate professionally, both verbally and in writing.	CMGT 1103	1. Identify concepts and techniques of the graphic communication language	39	0	39	100.00%
	CMGT 1213	2. Explain how different building systems and components are selected, constructed, installed, connected, and integrated	58	7	45	89.66%
	CMGT 2203	4. Organize and conduct project meetings	31	0	31	100.00%
	CMGT 2353	1. Demonstrate proper use of surveying equipment and field notes	23	10	12	95.65%

Program Outcome 4:

Use software applications in areas of project administration, estimating, planning, and scheduling.	CMGT 1103	5. Create working drawings of a typical residential structure utilizing computer software	41	31	8	95.12%
	CMGT 2413	5. Use scheduling software in planning and scheduling construction projects	14	0	14	100.00%
	CMGT 2513	3. Use historical cost data for estimating materials, labor, and equipment	12	12	0	100.00%

Program Outcome 5:

Identify legal business matters related to contracts and apply ethical standards to all business practices.	CMGT 2003	1. Identify the essential elements of a legally enforceable contract	26	5	14	73.08%
		3. Identify the effects that changes to the scope of work have on contractual obligations	26	8	13	80.77%
	CMGT 2203	2. Demonstrate proper use of documents for managing construction projects	31	0	31	100.00%

Plan of action: How has previous data been used to improve these results (if applicable)? How will the data be used to improve program outcomes? What is the plan of action to improve program outcomes. The results are all above 70% or better. Each instructor will review their assessment questions or assessment rubric to ensure the learning outcomes are adequate.