

Academic year 2024-2025

BS in Construction Management - BS-CONS Learning Outcomes

Written Communication **MET**

Students will be able to create written communication appropriate to the construction discipline.

MEASURES	RESULTS	ACTIONS
<p>Direct: Student work-based measure</p> <p>The targeted learning outcome will be measured directly based on the student's work in class. Assignment (homework/project) in CMGT 4470 Capstone.</p> <p>Proficiency: Acceptable proficiency level at 80 out of 100 on the assignment rubric</p> <p>Direct - Assignment</p> <p><i>Capstone Construction Project: CMGT 4470</i></p> <p>Target</p> <p>The average score of the class is 80/100 or higher.</p> <p>SLO 01.docx</p>	<p>MET</p> <p>SLO 01.docx</p> <p>Analysis</p> <p>The average score of the class was 90.5 out of 100. The result indicates acceptable proficiency.</p>	<p>Maintain Assessment Strategy</p> <p>We will maintain the current level of training for written communication.</p>
<p>Indirect: Exit Interview</p> <p>Self-assessment: Considering that your education is to prepare you for an entry-level management position related to construction, how do you rate yourself concerning the following? (Choose the appropriate number. Use a scale of 0 to 10, with 10 being the highest level of confidence): I am able to create written communication appropriate to the construction discipline.</p> <p>Proficiency: Acceptable proficiency level at 7 out of 10 on the student self-assessment</p> <p>Indirect - Interview</p> <p>Target</p> <p>The average score of the class is 7/10 or higher.</p>	<p>MET</p> <p>Analysis</p> <p>The class average score was 8.35 out of 10. The result indicates acceptable proficiency.</p>	<p>Maintain Assessment Strategy</p> <p>We will maintain the methods for data collection and analysis.</p>

General Outcome Actions

ACTIONS

Other - [Action Plan for each measure]

Not Started

Action plans for direct and indirect measures

Recommended Due Date: 09/01/2025

Conclusion

Based on the results of direct and indirect measures, the expected student learning outcome is met at the acceptable proficiency level.

Critical Thinking: Create estimates **MET**

Students will be able to create construction project cost estimates.

MEASURES	RESULTS	ACTIONS
<p>Direct: Student work-based assessment</p> <p>The targeted learning outcome will be measured directly based on the student's work in class. Assignment (homework/project) in CMGT 4420 Construction Cost Estimating.</p> <p>Proficiency: Acceptable proficiency level at 80 out of 100 on the assignment rubric.</p> <p>Direct - Assignment</p> <p><i>Construct Cost Estim</i> <i>Analysis: CMGT 4420</i></p> <p>Target</p> <p>The average score of the class is 80/100 or higher.</p>	<p>MET</p> <p>SLO 04 - F24.docx</p> <p>Analysis</p> <p>The average score of the class was 90.5 out of 100. The result indicates acceptable proficiency.</p>	<p>Additional Training</p> <p>Not Started</p> <p>Despite the acceptable proficiency, we plan to reinforce software (HeavyBid) training in the upcoming academic year.</p> <p>Recommended Due Date: 09/01/2025</p>
<p>Indirect: Exit Interview</p> <p>Self-assessment: Considering that your education is to prepare you for an entry-level management position related to construction, how do you rate yourself concerning the following? (Choose the appropriate number. Use a scale of 0 to 10, with 10 being the highest level of confidence): I am able to create construction project cost estimates.</p> <p>Proficiency: Acceptable proficiency level at 70 out of 100 on the student self-assessment.</p> <p>Indirect - Interview</p> <p>Target</p> <p>The average score of the class is 70/100 or higher.</p>	<p>Analysis</p> <p>The average score of the class was 7.94 out of 10. The result indicates acceptable proficiency.</p>	<p>Maintain Assessment Strategy</p> <p>We will maintain the methods for data collection and analysis.</p>

General Outcome Actions

ACTIONS

Other - [Action Plan for each measure]

Not Started

Refer to the action plans for direct and indirect measures.

Recommended Due Date: 09/01/2025

Conclusion

Based on the results of direct and indirect measures, the expected student learning outcome is met at the acceptable proficiency level.

Critical Thinking: Create schedules **MET**

Students will be able to create construction schedules.

MEASURES	RESULTS	ACTIONS
<p>Direct: Student work-based assessment</p> <p>The targeted learning outcome will be measured directly based on the student's work in class. Assignment (homework/project) in CMGT 4310 Construction Planning and Scheduling.</p> <p>Acceptable proficiency level at 80 out of 100 on the assignment rubric</p> <p>Direct - Assignment</p> <p><i>Construction Plan and Schedule: CMGT 4310</i></p> <p>Target</p> <p>The average score of the class is 80/100 or higher.</p>	<p>MET</p> <p>SLO 05 - F24.docx</p> <p>Analysis</p> <p>The average score of the class was 83.21 out of 100. The result indicates acceptable proficiency.</p>	<p>Additional Training</p> <p>Not Started</p> <p>Despite the acceptable proficiency, it was somewhat marginal. We plan to reinforce hands-on exercises in the upcoming academic year.</p> <p>Recommended Due Date: 09/01/2025</p>
<p>Indirect: Exit Interview</p> <p>Self-assessment: Considering that your education is to prepare you for an entry-level management position related to construction, how do you rate yourself concerning the following? (Choose the appropriate number. Use a scale of 0 to 10, with 10 being the highest level of confidence): I am able to create construction project schedules.</p> <p>Acceptable proficiency level at 70 out of 100 on the student self-assessment</p> <p>Indirect - Interview</p> <p>Target</p> <p>The average score of the class is 70/100 or higher.</p>	<p>MET</p> <p>Analysis</p> <p>The average score of the class was 7.65 out of 10. The result indicates acceptable proficiency.</p>	<p>Maintain Assessment Strategy</p> <p>We will maintain the methods for data collection and analysis.</p>

General Outcome Actions

ACTIONS
Other - [Action Plan for each measure] Not Started Refer to the action plans for direct and indirect measures.

Conclusion

Based on the results of direct and indirect measures, the expected student learning outcome is met at the acceptable proficiency level.

Critical thinking: Conduct project analysis MET

Students will be able to analyze methods, materials, and equipment used to construct projects.

MEASURES	RESULTS	ACTIONS
Direct: Student work-based assessment The targeted learning outcome will be measured directly based on the student's work in class. Assignment (homework/project) in CMGT 3340 Industrial & Mechanical Construction Acceptable proficiency level at 80 out of 100 on the assignment rubric Direct - Assignment <i>Ind. & Mech. Constr.: CMGT 3340</i> Target The average score of the class is 80/100 or higher.	MET SLO 07 - F24.docx Analysis The average score of the class was 91.7 out of 100. The result indicates acceptable proficiency.	Maintain Assessment Strategy We will maintain the methods for data collection and analysis.

<p>Indirect: Exit Interview</p> <p>Self-assessment: Considering that your education is to prepare you for an entry-level management position related to construction, how do you rate yourself concerning the following? (Choose the appropriate number. Use a scale of 0 to 10, with 10 being the highest level of confidence): I am able to analyze methods, materials, and equipment used to construct projects.</p> <p>Acceptable proficiency level at 70 out of 100 on the student self-assessment</p> <p>Indirect - Interview</p> <p>Target</p> <p>The average score of the class is 70/100 or higher.</p>	<p>Analysis</p> <p>The average score of the class was 7.53 out of 10. The result indicates acceptable proficiency.</p>	<p>Maintain Assessment Strategy</p> <p>We will maintain the methods for data collection and analysis.</p>
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General Outcome Actions

ACTIONS
<p>Other - [Action Plan for each measure]</p> <p>Not Started</p> <p>Refer to the action plans for direct and indirect measures.</p> <p>Recommended Due Date: 09/01/2025</p>

Conclusion

Based on the results of direct and indirect measures, the expected student learning outcome is met at the acceptable proficiency level.

Critical thinking: Understand project delivery and participants' roles **MET**

Students will be able to understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.

MEASURES	RESULTS	ACTIONS
<p>Direct: Student work-based assessment</p> <p>The targeted learning outcome will be measured directly based on the student's work in class. Assignment (homework/project) in CMGT 4325 Construction Project Management.</p> <p>Acceptable proficiency level at 80 out of 100 on the student self-assessment</p> <p>Direct - Assignment</p> <p><i>Construction Project Managemnt: CMGT 4325</i></p>	<p>MET SLO 10.docx</p> <p>Analysis</p> <p>The average score of the class was 83.2 out of 100. The result indicates acceptable proficiency.</p>	<p>Maintain Assessment Strategy</p> <p>We will maintain the methods for data collection and analysis.</p>

Target The average score of the class is 80/100 or higher.		
Indirect: Exit Interview Self-assessment: Considering that your education is to prepare you for an entry-level management position related to construction, how do you rate yourself concerning the following? (Choose the appropriate number. Use a scale of 0 to 10, with 10 being the highest level of confidence): I am able to understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process. Acceptable proficiency level at 70 out of 100 on the student self-assessment Target The average score of the class is 70/100 or higher.	MET Analysis The average score of the class was 8.71 out of 10. The result indicates acceptable proficiency.	Maintain Assessment Strategy We will maintain the methods for data collection and analysis.

General Outcome Actions

ACTIONS
Other - [Action Plan for each measure] Not Started Refer to the action plans for direct and indirect measures. Recommended Due Date: 09/01/2025

Conclusion

Based on the results of direct and indirect measures, the expected student learning outcome is met at the acceptable proficiency level.