

Student Outcomes Assessment

<u>Goals</u>	<u>Learning Objective</u>	<u>Instruments</u>	<u>Frequency</u>
Goal #1 Through technical courses, construction and business professional management courses, and a strong general education curriculum; graduates will be prepared for a career in the construction industry.	<ol style="list-style-type: none"> 1. Communication An ability to communicate effectively in writing, and electronic presentations; and to speak to groups and individuals while keeping in mind the social constructs of the groups with which they interact. 2. Mathematics & Science An ability to apply mathematics and physical science to analyze and solve construction science problems. 3. Business & Management An ability to manage the principal resources of the construction industry, primarily money and people. 	<p>Current: Capstone Evaluation External Capstone Eval. Co-op Evaluations Course Evaluation</p> <p>Future: CPC Examination</p> <p>Current: General studies course evaluations only</p> <p>Future: CPC Examination</p> <p>Current: Capstone Evaluation External Capstone Eval. Business Course Evaluation Course Evaluation</p> <p>Future: CPC Examination</p>	<p>Each Semester Each Semester Each Semester Each Semester</p> <p>Each Semester</p> <p>Each Course</p> <p>Each Semester</p> <p>Each Semester Each Semester Each Course Each Semester</p> <p>Each Semester</p>

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Goal #1 Continued			
4.	<p>Design Theory and Construction Graphics The understanding and ability to participate in the design process used by architects, civil engineers, and other design professionals and understanding their construction drawings.</p>	<p>Current: Capstone Evaluation External Capstone Eval Co-op Evaluations Course Evaluation Future: CPC Examination</p>	<p>Each Semester Each Semester Each Semester Each Semester Each Semester</p>
5.	<p>Construction Methods & Material The ability to locate, identify, and present materials used in the construction process based on properties, designations, testing requirements, and cost analysis.</p>	<p>Current: Capstone Evaluation External Capstone Eval Co-op Evaluations Course Evaluation (multiple courses) Future: CPC Examination</p>	<p>Each Semester Each Semester Each Semester Each Semester</p>
6.	<p>Estimating, Plan Reading, and Bid Process The ability to perform accurate and complete quantity take offs for all resources located on a standard construction site including but not limited to labor, material, and equipment and to then apply pricing for those quantities taking into account direct and indirect costs.</p>	<p>Current: Capstone Evaluation External Capstone Eval Co-op Evaluations Course Evaluations Specs & Estimating, Estimating Future: CPC Examination</p>	<p>Each Semester Each Semester Each Semester Each Semester</p>

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<p>Goal #1 Continued</p>	<p>7. Planning & Scheduling The ability to review quantities needed for a project and then logically organize the construction process using CPM methods while remaining conscious of the parameters affecting the planning, resource allocations, and over impact of changes.</p>	<p>Current: Capstone Evaluation External Capstone Eval Co-op Evaluations Course Evaluations Scheduling, Const. Mgmt, Cost Control</p> <p>Future: CPC Examination</p>	<p>Each Semester Each Semester Each Semester Each Semester</p> <p>Each Semester</p>
	<p>8. Construction Accounting & Finance The understanding of costs associated with construction and the ability to forecast monies needed during the duration of the project based on fixed and variable cost, capital equipment expenses, and bidding & procurement practices.</p>	<p>Current: Capstone Evaluation External Capstone Eval Co-op Evaluations Cost Control Course Eval</p> <p>Future: CPC Examination</p>	<p>Each Semester Each Semester Each Semester Each Semester</p> <p>Each Semester</p>
	<p>9. Safety An ability to identify safety concerns and violations and the ability to improve, document, and protect workers against dangers associated with the construction site. Students will acquire a Thirty Hours OSHA safety certification.</p>	<p>Current: Capstone Evaluation External Capstone Eval Co-op Evaluations Safety Course Eval</p> <p>Future: CPC Examination</p>	<p>Each Semester Each Semester Each Semester Each Semester</p> <p>Each Semester</p>

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Goal #1 Continued	<p>10. Surveying The knowledge of the site engineer's responsibility and the ability to accurately layout, survey and control the construction site.</p> <p>11. Project Management The understanding of the concepts, roles, and responsibilities of the project manager and the supervisors on a construction project.</p> <p>12. Construction Law The understanding and ability to locate laws relating to construction and labor laws and relations including contracts, contractor's rights, lien laws, and administrative procedures to avoid disputes.</p> <p>13. Construction Graphics The ability to read, interpret, and understand the development of graphical representation of construction projects including the vocabulary incorporated and computer applications utilized in their creation.</p>	<p>Current: Surveying Course Eval. Layout Course Eval. Co-op Evaluations</p> <p>Future: CPC Examination</p> <p>Current: Const. Mgmt. Course Eval. Co-op Evaluations</p> <p>Future: CPC Examination</p>	<p>Each Course Each Course Each Semester</p> <p>Each Semester</p> <p>Each Course Each Semester</p> <p>Each Semester</p>

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<u>Goals</u>	<u>Program Objective</u>	<u>Instruments</u>	<u>Frequency</u>
Goal #2			
Maintain and improve our status as a regional institution with an outstanding construction management education program.	Have a 98% job placement rate upon graduation and a 100% placement rate within three months of graduation.	Current: Graduate Exit Survey	Each Semester
	Continue our existing scholarship programs with CSI and local HBA organizations while looking to attract other possible scholarship providers.	Current: CM Faculty	Continuous
	Strive for more construction industry involvement and support, especially in curriculum and placement.	Current: Advisory Committees Alumni Surveys (5 years) Employer Surveys	Semi-Annually Annually Bi-Annually
		Future: External Capstone Eval.	Each Semester
	Develop our new Construction Management track within the Master of Business Administration Program.	Future: Possible 2011	Continuous
	Continue strengthening our articulation agreements with surrounding two-year institutions.	Current: CM Faculty	Continuous
	Continue the close relationship with the employers in the progressive improvement and development of the CMGT students.	Current: CM Faculty	Continuous

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<p>Goal #3</p> <p>Provide leadership and service to the tri-state, community, and university through civic engagement.</p>	<p>Students and faculty will participate in service learning and civic engagement activities to reinforce their knowledge and to synthesize fragmented studies into a more cohesive understanding of construction and the construction process.</p>	<p>Current: Capstone Evaluation External Capstone Eval</p>	<p>Each Semester Each Semester</p>
<p>Goal #4</p> <p>Maintain professional accreditation through the American Council for Construction Education (ACCE).</p>	<p>CMGT full-time faculty will attend one meeting at ACCE every two years and take the accreditation training course for review of the requirements.</p>	<p>Current: CM Faculty</p>	<p>Semi-Annual</p>
	<p>Analyze, improve, and develop new methods for the assessment cycle.</p>	<p>Current: CM Faculty</p>	<p>Continuous</p>