

Annual Summary Report of Achievement of Student Learning Outcomes and Degree Program Objectives

As prescribed in Section 8.5.1 and 9.4.1 of ACCE Document 103, *Standards and Criteria for the Accreditation of Construction Education Programs*

ACCE Form A-17



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| 2023 2024 | Academic Year | Degree Level | Bachelor's | Program Name | Construction Management | Institution Name | Central Washington University |
|----------------------|----------------------|---------------------|-------------------|---------------------|--------------------------------|-------------------------|--------------------------------------|

| Student Learning Outcome | | Method of Assessment | Current Evaluation of Results | Resulting Corrective Actions | Last Reported Evaluation of Results | Follow-up of the impact of actions taken | Description of any revisions made to Degree Program assessment tools | |
|--------------------------|--|--|-------------------------------|--|-------------------------------------|--|--|--|
| SLO # | SLO Description | | | | | Date of Follow-up | | |
| #0 | Sample of feedback for Student Learning Outcomes | | Direct | | | | None | |
| | | | Indirect | | | | None | |
| #1 | Create written communication appropriate to the construction discipline | CMGT 460 - Concrete Construction | Direct | CMGT 460 - Meeting Target | | Meeting target | N/A | None |
| | | CMGT 461 - Pavement Design and Construction | Direct | CMGT 461 - Meeting Target | | | | |
| | | Senior survey | Indirect | CMGT 460 - Meeting Target CMGT 461 - Meeting Target | | Meeting target | N/A | None |
| #2 | Create oral presentations appropriate to the construction discipline | CMGT 346 - Construction Methods and Materials | Direct | CMGT 346 - Meeting Target | | Meeting target | N/A | None |
| | | CMGT 347 - Heavy Civil Methods and Materials | Direct | CMGT 347 - Meeting Target | | | | |
| | | Senior survey | Indirect | CMGT 346 - Meeting Target CMGT 347 - Meeting Target | | Meeting target | N/A | None |
| #3 | Create a construction project safety plan. | SHM 323 - Construction Safety | Direct | Meeting target | | Meeting target | N/A | None |
| | | Senior Survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #4 | Create construction project cost estimates. | CMGT 344 - Construction Estimating II | Direct | CMGT 344 - Meeting Target | | Meeting target | N/A | None |
| | | CMGT 345 - Heavy Civil Estimating II | Direct | CMGT 345 - Meeting Target | | | | |
| | | Senior survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #5 | Create construction project schedules. | CMGT 447 - Construction Planning, Scheduling, and Control | Direct | Meeting target | | Meeting target | N/A | None |
| | | Senior survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #6 | Analyze professional decisions based on ethical principles. | CMGT 444 - Codes, Contracts, and Specifications | Direct | CMGT 444 - Meeting Target | | Meeting target | N/A | None |
| | | CMGT 445 - Heavy Civil Contract Law | Direct | CMGT445 - Meeting Target | | | | |
| | | Senior survey | Indirect | CMGT 444 - Meeting Target CMGT445 - Meeting Target | | Meeting target | N/A | None |
| #7 | Analyze methods, materials, and equipment used to construct projects. | CMGT 450 - Soils and Foundations | Direct | Meeting target | | Meeting target | N/A | None |
| | | Senior survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #8 | Apply electronic-based technology to manage the construction process. | CMGT 447 - Construction Planning, Scheduling, and Control | Direct | Meeting target | | Meeting target | N/A | None |
| | | Senior survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #9 | Apply basic surveying techniques for construction layout and control. | CMGT 267 - Plane Surveying | Direct | Meeting target | | Meeting target | N/A | None |
| | | Senior survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #10 | Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process. | CMGT 444 - Codes, Contracts, and Specifications | Direct | CMGT 444 - Meeting Target | | Meeting target | N/A | None |
| | | CMGT 445 - Heavy Civil Contract Law | Direct | CMGT 445 - Meeting Target | | | | |
| | | Senior survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #11 | Understand construction accounting and cost control. | CMGT 485 - Construction Accounting, Finance, and Contemporary Topics | Direct | Meeting target | | Meeting target | N/A | None |
| | | Senior survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #12 | Understand construction quality assurance and control. | CMGT 444 - Codes, Contracts, and Specifications (Class & AIC) | Direct | CMGT 444 (Class)- Meeting Target | | Meeting target | N/A | None |
| | | CMGT 445 - Heavy Civil Contract Law (Class & AIC) | Direct | CMGT445 (Class) - Meeting Target | | | | |
| | | Senior survey | Indirect | CMGT 444 (AIC)- Meeting Target CMGT445 (Class) - Meeting Target | | Meeting target | N/A | None |
| #13 | Understand construction project control processes. | CMGT 485 - Construction Accounting, Finance, and Contemporary Topics | Direct | CMGT 485 (Class) - Meeting Target | | Meeting target | N/A | None |
| | | Senior survey | Indirect | CMGT 485 (AIC) - Meeting Target | | Meeting target | N/A | None |
| #14 | Understand the legal implications of contract, common, and regulatory law to manage a construction project. | CMGT 444 - Codes, Contracts, and Specifications | Direct | CMGT 444 (Class)- Meeting Target | | Meeting target | N/A | None |
| | | CMGT 445 - Heavy Civil Contract Law | Direct | CMGT 444 (AIC)- Meeting Target | | | | |
| | | Senior survey | Indirect | CMGT445 (Class) - Meeting Target CMGT 445 (AIC)- Meeting Target | | Meeting target | N/A | None |
| #15 | Understand the basic principles of sustainable construction. | CMGT 452 - LEED in Sustainable Construction | Direct | CMGT 452 (Class)- Meeting Target | | Meeting target | N/A | None |
| | | Senior survey | Indirect | CMGT 452 (AIC)- Meeting Target | | Meeting target | N/A | Program has instituted CMGT 452 - LEED for Sustainable Construction as a required class to start Fall 24 |
| #16 | Understand the basic principles of structural behavior. | CMGT 440 - Temporary Structures | Direct | Meeting target | Collected data in CMGT 440 | Meeting target | AY 2023 | Data was taken in CMGT 440 - Temporary Structures in a more applied course, this change was made due to the structure of the course and CMGT 440 was more suitable for this data collection. This allows students to be introduced in Sophomore and Junior years to concepts in structural analysis and then understand in CMGT 440. |
| | | Senior survey | Indirect | Meeting target | | Meeting target | N/A | None |
| #17 | Understand the basic principles of HVAC, electrical and plumbing systems. | CMGT 442 - Building Mechanical Systems | Direct | CMGT 442 (Class) - Meeting Target | | Meeting target | N/A | None |
| | | CMGT 443 - Heavy Civil Utilities | Direct | CMGT 442 (AIC) - Meeting Target | | | | |
| | | Senior survey | Indirect | CMGT 443 - Meeting Target (Class) | | | | |
| | | | Direct | CMGT 443 (AIC) - Meeting Target | | | | |

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|---------------|----------|---------------|----------|--------------|--|----------------|--|-----|------|
| Extra SLO #18 | Not used | Senior survey | Indirect | Below Target | | Meeting target | | N/A | None |
| | | | Direct | | | | | | |
| | | | SLO Type | | | | | | |
| Extra SLO #19 | Not used | | Direct | | | | | | |
| | | | SLO Type | | | | | | |
| Extra SLO #20 | Not used | | Direct | | | | | | |
| | | | SLO Type | | | | | | |

| Degree Program Objectives | | Assessment Tool | | Evaluation of Results | | | Action Items | | |
|---------------------------|---|---|--------------------|-----------------------|--|--|---|------------|--|
| DPO # | DPO Description | Method of Assessment | Direct or Indirect | Past Cycle Results | Last Reported Evaluation of the Results | Current Evaluation of the Results | Resulting Corrective Actions | Start Date | Description of revisions |
| #0 | | | Direct | | | | | | |
| #1 | Number of students admitted into the professional CMGT program each year to be between 36 and 42. | Review of number of applicants to program. | Direct | Short of Target | 19 students | 40 students | Improved advising & consistent advising | AY 23/24 | This is a result of coming out of Covid period. |
| #2 | Improve quality of instruction within program. | Average of indirect assessment on senior exit survey. | Direct | Meeting Target | 74% | 80% | None | | |
| #3 | Improve diversity within program. | Overall number of women, hispanic etc. in program reported as a percentage. | Direct | Meeting Target | 7% -Women | 16% Women | None | | |
| #4 | Provide support for the construction industry. | Number of companies at career fair and information sessions. | Direct | Meeting Target | 89 companies at career fair 27 information sessions | 98 companies at career fair 24 information sessions | | | |
| #5 | Measurably improve the overall quality of the construction program. | Review of faculty, resources, etc. | Direct | Not Meeting Target | Not Meeting Target | Not Meeting Target | Increase number of faculty | AY 24/25 | Additional faculty search request was made and accepted to start AY 24/25 |
| #6 | Support professional development for the program faculty. | Faculty conference and professional development attendance. | Direct | Meeting Target | N/A | N/A | None | | |
| #7 | Improve the heavy/civil construction option within the program. | Review of comments from exiting Seniors. | Direct | Meeting Target | N/A | N/A | None | | AY 23/24 CMGT Heavy Civil Students Placed 3rd in annual ASC competition in Reno, NV. |
| #8 | Consistently keep job placement at a high rate. | Review of senior exit survey. | Direct | Meeting Target | 88% Placement | 90% Placement | None | | |
| #9 | | | Direct | | | | | | |
| #10 | | | Direct | | | | | | |
| #11 | | | Direct | | | | | | |
| #12 | | | Direct | | | | | | |
| #13 | | | Direct | | | | | | |
| #14 | | | Direct | | | | | | |
| #15 | | | Direct | | | | | | |
| #16 | | | Direct | | | | | | |
| #17 | | | Direct | | | | | | |
| #18 | | | Direct | | | | | | |
| #19 | | | Direct | | | | | | |
| #20 | | | Direct | | | | | | |