



ENGINEERING ACCREDITATION COMMISSION

Summary of Accreditation Actions

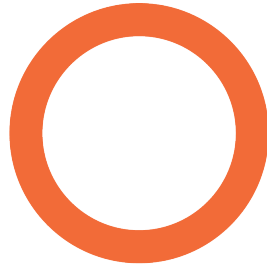
2020–2021 Accreditation Cycle

University of Colorado Boulder
Boulder, CO, United States

Civil Engineering – Colorado Mesa University/CU Boulder Partnership (Bachelor of Science in Civil Engineering)

Accredit to September 30, 2024. A request to ABET by January 31, 2023 will be required to initiate a reaccreditation evaluation visit. In preparation for the visit, a Self-Study Report must be submitted to ABET by July 1, 2023. The reaccreditation evaluation will be a comprehensive general review.

This is a newly accredited program. Please note that this accreditation action extends retroactively from October 1, 2019.



ABET

ENGINEERING ACCREDITATION COMMISSION

**UNIVERSITY OF COLORADO
BOULDER**

BOULDER, CO, UNITED STATES

FINAL STATEMENT OF ACCREDITATION
2020-21 ACCREDITATION CYCLE

UNIVERSITY OF COLORADO BOULDER

Boulder, CO, United States

ABET ENGINEERING ACCREDITATION COMMISSION

FINAL STATEMENT

VISIT DATES: JANUARY 24-26, 2021

ACCREDITATION CYCLE CRITERIA: 2020-2021

INTRODUCTION & DISCUSSION OF STATEMENT CONSTRUCT

The Engineering Accreditation Commission (EAC) of ABET has evaluated the Civil Engineering – Colorado Mesa University/ CU Boulder Partnership (Bachelor of Science in Civil Engineering) program at University of Colorado Boulder.

The statement that follows consists of two parts: the first addresses the institution and its overall educational unit, and the second addresses the individual programs.

A program's accreditation action is based upon the findings summarized in this statement. Actions depend on the program's range of compliance or non-compliance with the criteria. This range can be construed from the following terminology:

- **Deficiency** A deficiency indicates that a criterion, policy, or procedure is not satisfied. Therefore, the program is not in compliance with the criterion, policy, or procedure.
- **Weakness** A weakness indicates that a program lacks the strength of compliance with a criterion, policy, or procedure to ensure that the quality of the program will not be compromised. Therefore, remedial action is required to strengthen compliance with the criterion, policy, or procedure prior to the next review.
- **Concern** A concern indicates that a program currently satisfies a criterion, policy, or procedure; however, the potential exists for the situation to change such that the criterion, policy, or procedure may not be satisfied.
- **Observation** An observation is a comment or suggestion that does not relate directly to the current accreditation action but is offered to assist the institution in its continuing efforts to improve its programs.

INFORMATION RECEIVED AFTER THE REVIEW

- **Seven-Day Response** No information was received in the seven-day response period.
- **30- Day Due- Process Response** No information was received in the 30- day due- process response period.

INSTITUTIONAL SUMMARY

The University of Colorado Boulder (CUB) and Colorado Mesa University (CMU) entered a partnership in 2008 to deliver several engineering programs in their entirety in Grand Junction, Colorado, the home of CMU. The Civil Engineering (CE) Partnership Program began in fall 2016. The Engineering Partnership Program (EPP) enables students to earn a Bachelor of Science degree in Civil Engineering (BSCE) from the University of Colorado Boulder while in residence on the CMU campus in Grand Junction. The first two years of classes, including some specific engineering classes in civil engineering, are offered by CMU and taught by CMU faculty. Supplemental upper-division elective courses in the Sciences, Engineering Technology, languages, and the Humanities and Social Sciences, are offered by CMU. Upper-level engineering classes are offered by CUB at the CMU campus and are taught by CUB faculty who are in residence in Grand Junction. CUB awards the Civil Engineering degree to all students completing program requirements. The program graduated its first cohort of six students in May 2020. The program is being reviewed for initial accreditation by the EAC.

In fall 2020, the EPP's mechanical, civil, and electrical engineering programs, had 13 full-time faculty members (12 full-time-equivalent, FTE), two lecturers (1.0 FTE), and three support staff members with an overall student/faculty ratio of approximately 6:1. In fall 2020, the EPP had a total undergraduate enrollment of 74 students at the junior and senior levels. For academic year 2019-20, the EPP had a total of 30 graduates, including six in Civil Engineering, 24 in Mechanical Engineering, and none in Electrical Engineering.

The following units were found to adequately support the Civil Engineering program: mathematics, physics, chemistry, and humanities.

Civil Engineering – Colorado Mesa University/CU Boulder Partnership

Bachelor of Science in Civil Engineering Program

Evaluated under EAC Program Criteria for
Civil and Similarly Named Engineering Programs

INTRODUCTION

The Civil Engineering - Colorado Mesa University/CU Boulder Partnership (Bachelor of Science in Civil Engineering) program at Colorado Mesa University is administered by the CUB Department of Civil Engineering. Students reside on the CMU campus; the lower-division students (freshmen and sophomore) remain as CMU students and are taught by CMU faculty until admitted into the Civil Engineering program at which time they become CU Boulder students. The upper-division students are taught by CUB faculty who reside in Grand Junction. In fall 2020, the program had 15 upper-division students. Two FTE CMU faculty members and three FTE CUB faculty members support the program. The program produced six graduates in the 2019-20 academic year. In addition, two more students graduated in fall 2020.

PROGRAM STRENGTH

The Industrial Advisory Committee members are passionate and supportive of the program. Their involvement, beyond the usual once-a-semester formal meeting, includes classroom presentations, student mentoring, creating internships in their own companies, sponsoring senior design projects and mentoring the team, and sponsoring field trips for the students. They have also been involved in curriculum assessment and improvement as well as recruitment of students for the program. The members are now planning to raise funds for civil engineering student clubs to further enhance student exposure to real-world problem solving, teamwork, and ethics. The many opportunities that the students have to interact with practicing engineers give them invaluable insight into the engineering profession and enhance their overall experience.

No deficiencies, weaknesses, or concerns were found.