

CALIFORNIA STATE UNIVERSITY, LONG BEACH

VICE PROVOST FOR ACADEMIC PROGRAMS

Memorandum of Understanding

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CALIFORNIA STATE UNIVERSITY, LONG BEACH

OFFICE OF ACADEMIC PROGRAMS GRADUATE STUDIES

Department of Mechanical & Aerospace Engineering
College of Engineering
May 2021 (for September 2020 Review)

This Memorandum of Understanding outlines the consensus reached by the Department of Mechanical & Aerospace Engineering, the College of Engineering, and the Division of Academic Affairs, based on the program review (Self-study 2018; external review Fall 2018; UPRC report September 16, 2020). It describes the goals to be achieved, and the actions to be undertaken by all parties to this MOU to achieve these goals, during the next program review cycle. Progress toward goals is to be addressed in an annual report.

The Department of Mechanical & Aerospace Engineering offers three BS degrees: Mechanical Engineering, Mechanical Engineering degree completion (BSME-AVEP), and Aerospace Engineering. The three programs were accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering & Technology (ABET) in Spring 2019, with the next re-accreditation scheduled for Fall 2024 with a self-study due July 1, 2024. This MOU will cover the BSME-AVEP. Additionally, the Antelope Valley Engineering Programs were reviewed by the WSOUC site reviewers during their accreditation visit in October, 2020.

Review of the progress reports, self-study, accreditation report, and UPRC report show that the department has made significant strides in the areas of outcomes assessment and mission alignment.

A number of strengths were identified in the reports:

- support from faculty and fellow students.
- The for students to engage with practitioners and receive authentic, hands-on training for future careers.
- The WSCUC site visitors noted that the curriculum is strong and uniform with other programs in the college and students have access to all main campus services.
- The WSCUC site visitors praised the retention and graduation rates of the cohort model.

Areas of concern and opportunities for development were also noted in the reports:

• The visiting team noted that the department was inconsistent in aligning its program

•	 The visiting team noted that the department was inconsistent in assessing its program outcomes and dosing-the-loop on changes 	