The mission of the Bakersfield College Engineering and Industrial Technology Department is to prepare vocational and transfer students for successful careers in engineering and industrial technology.

**Mission:**
- Establishing strong connections with our student and business communities
- Understanding the needs of our diverse student population
- Responding to student and community needs with efficiency and flexibility
- Honoring our long heritage of community involvement
- Remaining vigilant in scanning our present and future environment within which we operate
- Promoting tolerance and patience with all our stakeholders

**Program Mission:**

- Students will demonstrate proficiency in technical skills and safety principles required for industrial employment.
- Students will demonstrate problem solving skills used in industrial design and product development.
- Students will demonstrate a deep understanding of the core material required for transfer to a four year university degree program or for certification in the department programs.

**Core Indicator data from the CTE database**

- Employment rates above 80%: 82.7% for Architecture & 83.2% for Engineering and Industrial Technologies

We will continue to monitor these statistics.

**Instructional Program Level SLO and Assessment Plan**

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<th>GE</th>
<th>SLO Assessment Plan (described)</th>
<th>Course Matrix</th>
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- Students will demonstrate proficiency in technical skills and safety principles required for industrial employment. Track CTE Core Indicator 4 TOP code data for employment of our students by discipline. Track safety test results.

- Students will demonstrate problem solving skills used in industrial design and product development. Faculty will evaluate course project SLOs based on a common rubric.

- Students will demonstrate a deep understanding of the core material required for transfer to a four year university degree program or for certification in the department programs. Track A.A., A.S., Certificate, and transfer rates for each discipline from Datamart, IRF, and Perkins IV databases.