## Integrated Work Plan
July 2017 to June 2018
Office of Instruction
*Prepared by Liz Rozell*

### Strategic Direction Initiatives with Guided Pathway Focus

#### Student Learning
*A commitment to provide a holistic education that develops curiosity, inquiry, and empowered learners.*

Continue working with the Baccalaureate team to implement the second year of the Bachelor of Science degree in Industrial Automation.

- Clarify the four-year pathway in Industrial Automation by developing a strong articulation of lower division courses in the Electronics Technology feeder pathway with regional academic partners. (Strong Workforce Initiative)
- Coordinate an evaluation of student learning via analysis of curriculum, course and program learning outcome assessment, and success of internships and job placement of student in the upper division program.
- Develop a tutoring/mentoring academic support program for the upper division cohort.

Facilitate program redesigns and expansion in the Industrial and Transportation Technology and STEM Completion Communities.

- Develop clear curricular models, including stackable certificates integrated with program associate degrees, with accurate educational plans. This includes the development of a new HVAC program, continued development of certificate and associate degree programs in the Construction and Occupational and Risk Management programs.
- Clarify the transfer pathway in engineering via implementation of the Engineering Model Curricula into the curricular infrastructure of the engineering program, including a petroleum engineering track.

#### Strategic Direction Initiatives with Guided Pathway Focus

#### Student Progression and Completion
*A commitment to eliminate barriers that cause students difficulties in completing their educational goals.*

Continue working with the Baccalaureate team to implement the second year of the Bachelor of Science degree in Industrial Automation.

- Clarify the communication of the baccalaureate degree program pathway by developing a robust advertising plan. (CCCCO Start Up Funding)
- Improve the data tracking database for student cohorts.
- In order to eliminate financial barriers for upper division students faced with increase tuition costs, work with the Bakersfield College Foundation to provide scholarships, and the CTE Job Development Specialists and industry partners to develop a strong internship and job placement program.

Facilitate program redesigns and expansion in the Industrial and Transportation Technology and STEM Completion Communities.

- Increase access to academic programs in our rural communities by supporting new programs in Delano: Electronics, Engineering and HVAC, and the implementation of a portable applied welding program. (Strong Workforce and CCPT2)

Collaborate with academic and industry partners to strengthen and clearly communicate pathways within the Engineering and Industrial Technology Department.

- Utilizing the CCPT2 grant, support continued articulation and collaborative dual enrollment activities for construction, industrial automation, engineering technician and welding and expand grant pathways to include manufacturing fabrication and automotive. As administrative lead for the CCPT2 grant, will also support the existing ag mechanics, business management, networking, and patient care pathways.
Collaborate with Project Lead The Way (PLTW) to communicate and clarify pathways in engineering, electronics, and industrial automation. Work with PLTW to develop a plan for articulation and dual enrollment opportunities for participating PLTW high schools. (PLTW and Chevron funding)

Support the collaboration between BC faculty, CSUB faculty, and the BC Engineering Program Manager to provide an energy engineering pathway between the two institutions. (CSUB Title V Collaborative Grant)

### Strategic Direction Initiatives with Guided Pathway Focus

#### Facilities

A commitment to improve the maintenance of and secure funding for college facilities, technology, and infrastructure for the next thirty years.

Facilitate program redesigns and expansion in the Industrial and Transportation Technology Completion Community.

- Leverage funding to provide resources for new and redesigned programs, such as the integration of diesel and EV technologies in the automotive program; integration of fabrication in the current manufacturing program; and equipment and facilities for a new HVAC program. (Strong Workforce Initiative, new CCPT2 pathway, ATRE grant)

#### Oversight and Accountability

A commitment to improve oversight, accountability, sustainability, and transparency in all college processes.

Provide oversight and accountability through administrative roles on governance committees and special project teams.

- As administrative co-chair for the Curriculum Committee, facilitate the evaluation and streamlining of the approval process, work with the eLumen implementation team to ensure accuracy of curricular data in eLumen, and monitor the process of curriculum transition to catalog.
- Serve as the administrative lead for the Accreditation Self Evaluation with responsibilities that include overseeing the development process for the ISER, facilitating writing and training institutes for the standard teams, and reporting to the Accreditation and Institutional Quality Committee.

#### Leadership and Engagement

A commitment to build leadership within the College and engagement with the community.

Collaborate with academic and industry partners to strengthen and clearly communicate pathways within the Engineering and Industrial Technology Department.

- Identify leadership opportunities for faculty and staff to serve on governance committees and completion teams and increase area representation.
- Provide leadership opportunities for faculty and staff with grant initiatives, recruitment activities, and industry collaborations.
- Continue engagement with the community via board memberships to increase visibility of pathway work to meet community and industry needs.