Name: Carlos Medina  
Area: Industrial Automation

Vision for Success Goal #1: Increase by at least 20 percent the number of CCC (California Community Colleges) students annually who acquire associates degrees, bachelors degree, credentials, certificates, or specific skill sets that prepare them for an in-demand job.

Strategic Initiative 1 - Student Learning
Strategic Initiative 2 - Student Progression and Completion

Work Plan Accomplishments – Ensuring students stay on the path of completion, identify short term certificates, and earn their certificates or degrees are vital to the vision of Bakersfield College.

- Certificates
  - Printing and mailing have been outsourced to a third party. Tracking is still being performed manually via excel tracking sheets. Continue to seek automated means to track and issue certificates.
  - Informing students about the various certificates available and having them apply by the time they meet requirements.

- Enrollment Management Strategies
  - Enrollment Management – Persistence
    - Identified over 20 students that needed a few classes to complete their certificate/degree.
  - Enrollment Management – Growth
    - Develop CCCApply Noncredit application (Educational Advisors, Stephanie, Program Managers)
    - Continue to expand lower division course offerings to regional high schools. (Early College)
    - Continue to expand course offerings to incarcerated students. (Rising Scholars Program)

- Goals to increase Degree/Certificates
  - Electronics Baseline 2020-21
    - Certificate/Degrees - 21
      1. Goal 25
      2. Actually
  - Industrial Automation Baseline 2020-21
    - Certificate/Degrees - 51
      1. Goal 62
      2. Actually
**Vision for Success Goal #2:** Increase by 35 percent the number of CCC students transferring annually to UC (University of California) or CSU (California State University).

**Strategic Initiative 1 - Student Learning**

**Strategic Initiative 2 - Student Progression and Completion**

**Work Plan Accomplishments** – Industrial Automation will support the goal of increasing the number of CCC students transferring annually by 35 percent.

- Increase the number of Articulation agreements for high school students to increase their success (Dylan, Stephanie, ASIT)
  - Add 4 ROC/Early College new agreements.
- Increase the number of students who are seeking to transfer to the Industrial Automation Bachelor’s program. (Cynthia, Ed Advisors, ASIT, Program Manager)
  - Expanding the number of Articulation agreements with Colleges for the BDP (Bachelor's Degree Program) (Cynthia, Jason Dixon, INDA Faculty, Program Manager)
    - Increase the approved agreements to 14 – that is a 50% increase
  - Continuation of this goal. Returning from the pandemic shifted activities and working with other institutions is ongoing.

**Vision for Success Goal #3:** Decrease the average number of units accumulated by CCC students earning an associate degree, from approximately 87 total units (the most recent system wide average) to 79 total units – the average among the quintile of colleges showing the strongest performance on this measure.

**Strategic Initiative 1 - Student Learning**

**Strategic Initiative 2 - Student Progression and Completion**

**Work Plan Accomplishments** – Focus on identifying programs of studies that have high unit count and streamline them to meet industry needs.

- Credit for Prior learning (ASIT, Chairs, Stephanie)
  - Being able to award units for equivalent experience from the industry will put the student on the path closer to completion.
    - Continuation of this goal as the committee continues to develop the process and plans.
- Success rate for BSIA courses (Counselor, Educational Advisors, Chair)
  - With an increase in success rate our students would not have to repeat courses, which could lead to completion within the expected timeline and allow students to focus on core classes for completion vs filling classes while waiting.
    - Success rates have changed due to the impact of COVID and shifting of modality. These are being assessed to review the most effective modality to offer sections.
- Program average degree completion baseline – (Cynthia and Dylan, Industrial Automation)
**Vision for Success Goal #4:** Increase the percent of exiting CTE student who report being employed in their field of study, from the most recent statewide average of 60 percent to an improved rate of 69 percent – the average among quintile of colleges showing the strongest performance on this measure.

  - **Strategic Initiative 1 - Student Learning**
  - **Strategic Initiative 2 - Student Progression and Completion**

**Work Plan Accomplishments –**

- Increase the median annual earning for students exiting programs will support the student obtaining employment within their field of study. (ASIT)
  - Ongoing
- Align projects to meet industry needs and regional priorities (ASIT, Martin)
  - Developed a standardized application for SWF and VTEA projects to incorporate the Needs Assessment and Activities.
- Enhance the Advisory Board Committee engagements. (Martin, ASIT, Stephanie)
  - Ongoing and continued to next year
- Expand on the Work Experience Courses by 10% (Stephanie, JDS)
  - 13%
- Increase Work Experience employers by 20% (ASIT, JDS, Stephanie)
  - 15%
- Get Jobspeaker single sign on capability (Stephanie)
  - Complete
- Ensure Strong Workforce and Perkins projects are aligned with Industry and Community needs (SWF PM, Stephanie, BSIA PM, Martin, BSIA Faculty)
- Establish a mapping for courses to be offered with the Wonderful Employers Training Center at the Industrial Park (Martin, BSIA PM)
  - Continued. MOU (Memorandum of Understanding) is drafted and submitted to Wonderful. Senior leadership is reviewing and looking at finalizing to begin offering courses in Spring.

**Vision for Success Goal #5:** Reduce equity gaps across all the above measures through faster improvements among traditionally underrepresented student groups, with the goal of cutting achievement gaps by 40 percent within 5 years and fully closing those achievement gaps for good within 10 years.

  - **Strategic Initiative 1 - Student Learning**
  - **Strategic Initiative 2 - Student Progression and Completion**

**Work Plan Accomplishments –**

- Create a tutor program for the students
• BSIA program has submitted their application for SGA student club
  • Targeted outreach activities (BSIA)
    o List the recent outreach activities
    1/15/2022  V.E.X High School Competition (Centennial High)
    2/12/2022  Robotics Night with the Condors (Mechanics Bank Arena)
    2/17/2022  Delano High School Presentation
    2/25/2022  Across the Valley KUVI TWIST 45 TV Show Interview
    3/9/2022   KCSOS Do The Math TV Show Interview
    3/22/2022  Farm Day in the City
    4/1/2022   KC Career Expo + STEMposium
    4/2/2022   MESA STEM & Pre-Health Conference
    4/9/2022   Starbase Edwards STEM Open House (Edwards AFB)
    4/22/2022  Industrial Automation Day
    4/21/2022  Shafter High School Industrial Automation Celebration
    4/25/2022  Kern County Farm Bureau Golf Tournament
    4/29/2022  Edison Middle School Presentation
    6/7/2022   Early College Signing Day
    7/18/2022  Kern County Farm Bureau Teachers Ag Seminar
  
  • Scheduling practices (Chairs, ASIT)
    o Be mindful of the needs for the students
      • Continuation to next year and seeking ongoing development
  • Improve awareness for budget management (Chair, Management, Support Staff)
    o Engaged chair in the development of this year’s budget and expanded for BSIA program.
  • Succession planning (Managers)
    o Ongoing and continued

Additional Accomplishment Achieved

Funding awarded
  1. $12k in sponsorship for Industrial Automation Day

Community and extracurricular activities / engagement
  1. Created a partnership with KHSD/Kern County V.E.X Robotics League
  2. Created a partnership with the Bakersfield Condors for Outreach Purposes
  4. Founder of Bakersfield College Manufacturing Day. (National Industry Event)