# Bakersfield College

## Computer Science, Information Technology, Cyber Security, and Software Development

Date: October 23, 2017

Time: 12:00 pm

## Agenda

## Introductions and Welcome

Hello and thank you for working with Bakersfield College and our Computing Pathways initiative. We are actively trying to reboot our pathways to include programs in our Career and Technical Education area.

## Attendance

Edward Rangel, Faculty

Mike Enriquez, Member

Fidel Chavez, Member

Moises Ayala, Member

Luke Caraccioli, Member

## Program Overview

Our current programs are an Associate of Science for Transfer in Computer Science and a Certificate of Achievement in CompTIA. The State has defined two separate curriculum models aimed an aligning California Community Colleges with their State University counter parts, one model being the Transfer Model Curriculum which we used to define our AST in Computer Science. The other model is our Model Curriculum, which defined our Information Technology Certificate of Achievement.

## Progress Report

We are seeking to offer our new Information Technology program beginning in the Fall semester of 2018.

## Curriculum/Program Concerns and Recommendations

We acknowledge that we have many students who are not interested in studying in a traditional calculus based computer science pathway. Many of our students are currently seeking a path to direct employment without transferring to a 4 year institution. Our hope is to help those students focus on a pathway that provides 21st century computing skills with a defined college education program.

## Labor Market Validation

Employment of computer support specialists is projected to grow over 12 percent from 2014 to 2024, faster than the average for all occupations according to the Bureau of Labor Statistics.

https://www.bls.gov/ooh/computer-and-information-technology/computer-support-specialists.htm

## Other Agenda Items

None

## Possible Advisory Committee Involvement

We are holding an Entrée to Employment dinner in two weeks. We are also considering a Spring Hackathon.

## Adjourn

Date: October 30, 2017 Time: 12:00pm

Respectfully Submitted:

Edward Rangel Jr, Associate Professor Information Technology