SAN DIEGO STATE UNIVERSITY

Data Informed Decision Making on High Impact Student Success Strategies

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Abstract: Student success is an all-encompassing goal for College of Engineering. From the moment students enroll to when they graduate and then beyond, we are deeply engaged in ensuring student retention, degree completion, and preparing our students for the future.   In this talk, we will present CSU Graduation Initiative 2025 goals (GI 2025), the challenges we face in achieving GI 2025 goals and the data informed interventions we have been putting in place to improve student success in the college. We will use descriptive and predictive data analytics to discuss retention and graduation rates, the factors contributing to poor graduation rates and achievement gaps. We will review the interventions developed to address the challenges at multiple levels including enrollment management, overlay units, vertical integration with math and science courses, articulation process and coordination with community colleges, summer program growth and its predicted impact on graduation rates. We will discuss   CSU general education mandate and unit reduction efforts. College of Engineering's next ABET visit is in Fall 2021. ABET demands programs to sustain continuous improvement and implementation of a feedback mechanisms to close the loop. We will discuss our data informed approach to close the loop between college courses and math/physics courses.

Speaker Bio: Dr. Ozturk is a professor in the Department of Electrical Engineering. Currently he serves as the Interim Associate Dean for Undergraduate Programs in the College of Engineering. He first joined San Diego State University in 1988 as a visiting Ph.D. student. After completing his Ph.D. research under the supervision of Dr. Huseyin Abut in the area of Image Processing he returned to Ege University to accept a position as an assistant professor in the Computer Engineering Department.   He returned to SDSU in 1996 as a visiting professor to teach signal processing courses.   In 1998, he accepted a full time position as a tenure track Associate Professor in the Electrical and Computer Engineering Department where he is currently serving as a professor. He served as the Computer Engineering Program Coordinator until Fall 2019. He coordinated and drafted the first ABET 2000 visit for Computer Engineering program.

Dr. Ozturk published over 100 scholarly articles, co-authored 13 patents in networking and smart health areas and secured over 1.2 million in research grants.   He has been awarded the Alumni Award (Monty Award) in 2014 and was elected as the most influential faculty in 2015.