Goal #1
Strengthen our Academic Programs, including General Education, to ensure they are current, distinctive and mission driven.
Table Updated January 30, 2020

Dean sponsor	Richard Cavaletto
Leaders	Peter Livingston
	Leanne Berning

Sub Goals and Tactics		Task Force Members										Notes
		AGB	ASCI	AE/CM	BRAE	EIM	FSN	HCS	NRES	WVIT	Other	
Evaluate GE offerings by department		Michael McCullough	Julie Huzzey	Karen Cannon	Dan Howes	Brian Greenwood	Kari Pilolla Amy Lammert	Jeff Wong	Chip Appel	Michael Costello		
	Complete required course submissions to convert old Area F courses to new GE courses	I believe the conversion and new GE courses have been submitted to the CAFES curriculum committee for their review.										
	Modify GE courses as necessary to ensure they generate at least 30 SCU/WTU											
	Develop five (5) new GE courses in areas such as B, D4, D5, etc.	Several departments are working on new GE courses. We will poll them and list them in our data base.										
Determine which existing majors/programs will grow over the next three to five years using student demand and job trend data	Ecological Systems Engineering Program	Michael McCullough Sean Hurley	Ike Kang Julie Huzzey		GW Bates			Jeff Wong		Michael Costello	Hunter Francis	
	Collect and review data associated with admissions, change of major, graduation rates, and employment of graduates	We have been working with Sean to collect data										
	Review growth/decline data occurring at other universities in similar programs and majors	We have not begun the data collection process based on data from other schools. We are tracking high school graduation rates and they are dropping off steeply for the next 4 years and then should recover.										
	Determine potential staffing, facilities, and resource changes that would need to occur to accommodate growing enrollment in specific majors/programs	We have not begun this task										
	Determine potential cultural changes that could occur with programs where growth occurs	We have not begun this task										
Develop and evaluate case statement for at least two (2) potential new college majors.		Marianne Wolf	Siroj Pokharel	Ben Swan	GW Bates	Andrew Lacanienta		Jeff Wong	Nick Babin	Michael Costello	Hunter Francis	
	Collect and review data associated with student and employer demand for majors, skill sets and careers.	BRAE has collected some baseline data. Livingston has an ASABE Department Head meeting in February and will discuss it further										
	Develop Potential New Major Profiles: Applicant Demand, Career Opportunities, Industry Support	Our research shows that the demand is growing for a Sustainable Ecological Engineering program										
	Develop Program Learning outcomes	We have developped learning outcomes. Livingston is on a committee to assist with developing ABET accreditation criteria.										
	Create Curriculum Flow Chart	We have a draft curriculum flow chart										
	Evaluate each new potential major - SWOT Analysis	We will be conducting a SWOT analysis in February.										
Develop and evaluate case statement for at least two (2) potential new college majors.	General Ag Major											
	Collect and review data associated with student and employer demand for majors, skill sets and careers.	The second proposed major is a change to the way Cal Poly, and specifically CAFES admits students. The proposal is to build a General Ag degree with the purpose of admitting students and then transferring them out of the program. There would be very few upper division students. The cohort could take a joint introduction to agriculture class that would include guest lecturers from each program. The intro class would have a lab, taught by various faculty from each of the departments. The lab could include statistical methods of a simple experiment with associated excell spreadsheets, powerpoint based poster, and video production. Student scheduling would be simplified.										
	Develop Potential New Major Profiles: Applicant Demand, Career Opportunities, Industry Support	The group treatment of a freshmen and sophomore class is used by several institutions to divide out a college of engineering. By the end of the first or second year all of the students would have been accepted into other degree programs. The division of students could be prioritized by degree program. This technique allows for a self selection of students. It also makes it easier to expand the number of students in the major.										
	Develop Program Learning outcomes	To be determined if CAFES is interested in this approach										
	Create Curriculum Flow Chart	To be determined if CAFES is interested in this approach										
	Evaluate each new potential major - SWOT Analysis	To be accomplished if CAFES is interested in this approach										
Establish university -wide Food Safety Minor		Jeta Rudi Polloshka Christiane Schroeter	Siroj Pokharel	Karen Cannon	Sara Kuwahara		Amanda Lathrop	TBA; potentially new hire				
	Prepare for inclusion in 2021-2023 catalog (Send to ASCC by June 2020)	During a meeting on January 28 the stakeholders agreed on a path forward. Peter Livingston will work with Stephanie Jung to modify the current proposal.										
Pilot the use of Swarm Technology for identifying new and modifying existing major offerings		Sean Hurley				Matt Haberland	Brian Greenwood					
	Apply Swarm Technology to evaluate the EIM/RPTA name change.	EIM contracted to use Swarm technology to identify a new name for the department. A panel of high school students was used. The resultant name was not preferred by the department										