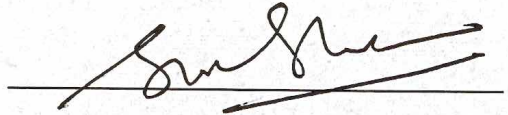




ANNUAL ACTIVITY/PROGRAM REVIEW: COLLEGE OF ENGINEERING, COMPUTER SCIENCE, AND CONSTRUCTION MANAGEMENT

The IRA Advisory Committee is responsible for the oversight of approved IRA activities/programs. This template will enable the committee to evaluate activities/programs at a high level.

Please submit by **October 31, 2018** to Kim Williams at kwilliams@csuchico.edu

Signature of Dean/Director: 

Seema Sehrawat
Print Name: Melody Stapleton

Date: October XX, 2018

1. Please complete the following information for your college/unit's approved IRA activities/programs:

Approved IRA Activity/Program	Faculty Advisor	Website*
Association for Computing Machinery	Bryan Dixon	http://www.icfpconference.org/contest.html
Baja SAE	Dennis O'Connor	http://www.csuchico.edu/mmem/student_organizations/sae.shtml
Chico State Rocketry and Aerospace Club	Dennis O'Connor	
Concrete Canoe	Kenneth Derucher	https://www.2019ascemidpac.org/events/
Construction Competition Team	Chris Souder	http://www.csuchico.edu/cm/student-act-achievements/asc-student-competion.shtml
Engineers for Alternative Energy	David Alexander	http://www.csuchico.edu/mmem/student_organizations/ea.shtml
Formula SAE	Daisuke Aoyagi	http://www.csuchico.edu/mmem/student_organizations/sae.shtml
Formula SAE Electric	Joshua Miranda	http://www.csuchico.edu/mmem/student_organizations/sae.shtml
GeoWall Challenge Team (ASCE Mid-Pac Student Conference)	Russell Mills	https://www.2019ascemidpac.org/events/
Human Powered Vehicle - on hold	Greg Watkins	http://www.csuchico.edu/mmem/student_organizations/asm.shtml
Micromouse	Hadil Mustafa	http://www.micromouseonline.com/
SME Westec Manufacturing	Scott Brogden	http://www.csuchico.edu/mmem/student_organizations/sme.shtml

Steel Bridge	Jared Debock	https://www.2019ascemidpac.org/events/
Sustainable Engineering and Environmental Health Development (SEEHD)	Stewart Oakley	https://www.csuchico.edu/ce/menu_student/menu_student_organizations.shtml
Water Treatment Team	Jackson Webster	https://www.2019ascemidpac.org/events/

**All IRA activity/program websites require the placement of the official IRA logo on each page of the site. A high-resolution logo is included in the email with this form.*

College/Unit	IRA Prior Year (2017-18) Carryover	IRA Current Year (2018-19) Baseline Allocation	IRA Carryover as Percent of Baseline
College of Engineering, Computer Science, and Construction Management	\$9,081.63	\$75,662	12%

2. List the total dollar amount allocated from the college/unit to each activity/program (actual expenses in T6300 which may include those for Exemplary Performance or one-time funding). Other sources should be entered in the "Other Sources of Funding" column. **Do not include Work Study (#3).**

Approved IRA Activity/Program	IRA Prior Year (2017-18) Baseline Allocation	IRA Current Year (2018-19) Baseline Allocation	IRA Prior Year (2017-18) Actual Expenses	Other Sources of Funding (RF, UF, GF, etc.)	Notes (explain the differences in baseline and actuals, etc.)
ASCE Chico State Sustainable Solutions Team (Steel Bridge)	\$5,590.00	\$6,526.00	\$5,590.00	\$	
SEEHD	\$3,520.00	\$5,500.00	\$-	\$	Did not travel
ASCE Concrete Canoe Competition Team	\$6,160.00	\$8,000.00	\$6,475.00	\$	Difference is due to fundraising
ASCE Mid-Pacific Conference Geo-Challenge Team	\$4,432.00	\$3,518.00	\$1,202.00	\$	Stayed in a cheaper hotel (one that was not reserved by the host)
ASCE Chico Water Treatment Team	\$1,750.00	\$4,000.00	\$4,299.00	\$	Difference is due to fundraising
ASC Competition	\$15,000.00	\$15,000.00	\$22,301.00	\$	Difference is due to fundraising
Association for Computing Machinery	\$3000	\$3000	\$2587	\$1000	Used Donation \$ also
IEEE Micromouse	\$3,000.00	\$1,864.00	\$2,907.00	0.00	Some students didn't travel to last event due to conflict SAE Team did not travel to competition
Formula Electric	15,000.00	0.00	9,601.00	0.00	
SAE - Baja	\$9,000.00	\$11,000.00	\$30,147.69	\$	Difference is due to fundraising

Rocketry	N/A	\$5,000.00	N/A	\$	N/A – new club
SAE - Formula 1	\$9,000.00	\$14,000.00	\$26,325.00	\$	Difference is due to fundraising
Engineers for Alternative Energy	\$2,000.00	\$2,400.00	\$2,008.00	\$	
Total Allocation*	\$63,011.00	\$79,808.00	\$104,329.69	\$	

* Must equal total IRA current year baseline allocation as shown in #1 above. NOTE – it does not match because of the carryover + \$5000 is reserved for our Tech. Shop to support these various IRA programs that require Tech Shop resources (materials, parts, waste disposal charges, etc.)

Please note: Budget transfers to activities/programs are required at the program level by September 30th each year. Additionally, the IRA Advisory Committee recommends determining all activity/program budget amounts by June 30th for the following year.

3. List the total IRA Work Study dollar amount allocated for each activity/program.

Approved IRA Activity/Program	2018-19 IRA Work Study Allocation	2017-18 Year IRA Work Study Actual Expenses
ASCE Chico State Sustainable Solutions Team (Steel Bridge)	\$0.00	\$0.00
SEEHD	\$0.00	\$0.00
ASCE Concrete Canoe Competition Team	\$0.00	\$0.00
ASCE Mid-Pacific Conference Geo-Challenge Team	\$0.00	\$0.00
ASCE Chico Water Treatment Team	\$0.00	\$0.00
ASC Competition	\$0.00	\$0.00
Association for Computing Machinery	\$0	\$0
IEEE Micromouse	\$0.00	\$0.00
SAE - Baja	\$0.00	\$0.00
Rocketry	\$0.00	\$0.00
SAE - Formula 1	\$0.00	\$0.00
Engineers for Alternative Energy	\$0.00	\$0.00
ASCE Chico State Sustainable Solutions Team (Steel Bridge)	\$0.00	\$0.00

4. Estimate student participation for each activity/program for this academic year (e.g., an activity has 15 members but only 10 attend competitions and incur expenses). Not all columns may apply to your activity/program. Do not include students attending/served by activities/programs.

a. Provide the following on estimated student involvement:

Approved IRA Activity/Program	Estimated # of Students Participating in Activity/Program	Estimated # of Students Incurring Costs	Estimated Per Student Out-of-Pocket Cost
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Association for Computing Machinery	30	30	\$25
Baja SAE	55	35	0
Chico State Rocketry and Aerospace Club	31	15	0
Concrete Canoe	28	28	\$20
ASC Construction Competition Team	56	56	\$487
Engineers for Alternative Energy	16	11	0
Formula SAE	60	28	0
Formula SAE Electric	0	0	0
GeoWall Challenge Team (ASCE Mid-Pac Student Conference)	12	12	0
Human Powered Vehicle - on hold	0	0	\$0.00
Micromouse	6	6	\$50.00
SME Westec Manufacturing	5	0	0
Steel Bridge	21	21	\$10
Sustainable Engineering and Environmental Health Development (SEEHD)	4	4	\$100
Water Treatment Team	27	27	\$0

b. Please list all known competitions/performances/events expected of each activity/program for this academic year:

Approved IRA Activity/Program	Name of Competition, Performance, Event, etc.	Location	Date	Estimated # of Students Directly Participating in Competitions, Performance, Events, etc.
Association for Computing Machinery	ACM Northwest Programming Contest,	Berkeley	11-2-18	3 teams/9 students per team, 45 to 50 students which

	and ACM Programming Contest	CSU, Chico Hosts	4-20-19	includes other schools that participate
Baja SAE	Baja SAE California	Gorman, CA	5-16-19	35
Chico State Rocketry and Aerospace Club	Spaceport America Cup IREC Challenge	Las Cruces, NM	6-18-19	15
Concrete Canoe	MidPac Competition	San Jose	April 18-20	1 team/4 per canoe, but various combinations races & paddlers (~20 students) (men/women/co-ed/sprint/endurance)
ASC Construction Competition Team	ASC Western Regionals	Sparks, Nevada	2-7-2019 through 2-8-2019	56 Students, 5 faculty, Associate Dean
Baja SAE	Baja SAE California	Gorman, CA	5-16-19	35
Chico State Rocketry and Aerospace Club	Spaceport America Cup IREC Challenge	Las Cruces, NM	6-18-19	15
Formula SAE Electric	Formula SAE Electric	Lincoln, NE	6-19-18	Team did not travel to competition - inactive
Engineers for Alternative Energy	California Solar Regatta	Rancho Seco Recreational Area Herald, CA	5/4/19	11
GeoWall Challenge Team (ASCE Mid-Pac Student Conference)	MidPac Competition	San Jose	April 18-20	Design team (8), build team (4)
Human Powered Vehicle - on hold				
Micromouse	IEEE Region 6 Central Area CSU, Sacramento UCLA All-American	San Jose, CA Sacramento, CA Los Angeles, CA	4-21-18 5-5-18 5-20-18	Advisor & 4 students Advisor & 4 students Advisor & 2 students

SME Westec Manufacturing	No competition available	N/A	N/A	N/A
Steel Bridge	MidPac Competition	San Jose	April 18-20	Design team (5), fabrication team (10), build team (5)
Sustainable Engineering and Environmental Health Development (SEEH)		Lake Atitlan, & University of San Carlos, Guatemala	Summer 2019	4 students + 1 faculty advisor
Water Treatment Team	MidPac Competition	San Jose	April 18-20	Design team (10), testing team (10), build team (5)

5. Please provide updated information for each of your activities/programs as requested in the tables below and provide appropriate explanations.

Approved IRA Activity/Program	Are any activities/programs inactive or defunct? If yes, please explain.	Has student participation increased or decreased for any activity/program? If yes, please provide the percentage and explain.	Has any activity/program's allocation or expenses significantly increased or decreased (5-10%)? If yes, please provide the percentage and explain.
Association for Computing Machinery	ACTIVE	Same	Same
Baja SAE	ACTIVE	Same	Same
Chico State Rocketry and Aerospace Club	ACTIVE	New 2018-19 club	N/A
Concrete Canoe	ACTIVE	Same	Same
Construction Competition Team	ACTIVE	same	same
Engineers for Alternative Energy	ACTIVE	Same	Same
Formula SAE	ACTIVE	Same	Same
Formula SAE Electric	Inactive	Decreased	Decreased

GeoWall Challenge Team (ASCE Mid-Pac Student Conference)		Inactive	Decreased	Decreased
Human Powered Vehicle - on hold		Inactive	Decreased	Decreased
Micromouse		ACTIVE	Same	Same
SME Westec Manufacturing		No	Decreased by 50%	No available competition for 2017/18 or 2018/19
Steel Bridge		ACTIVE	Same	Same
Sustainable Engineering and Environmental Health Development (SEEHD)		ACTIVE	Same	Same
Water Treatment Team		ACTIVE	Decreased by 10%	Same

6. What process does your college/unit use to determine baseline budget allocations each year?

Proposals are reviewed and ranked based on their merit, the amount awarded in the prior years, and any changes in the competition (e.g., if the location of the competition changes such that the travel and hotel expenses are substantially different).

7. How are each of the activities/programs in your college/unit evaluated each year? Teams review performance from last year and budget constraints, funding efforts are increasing.

8. Provide the College's IRA carryover amounts for the last three years. (Colleges/units are to limit their carryover to no more than 20% of baseline allocations. Balances of more than 20% may impact a college/unit's future IRA allocations.)

College/Unit	2017-18 IRA Carryover to 2018-19	2016-17 IRA Carryover to 2017-18	2015-16 IRA Carryover to 2016-17
College of Engineering, Computer Science, and Construction Management	\$9,081.63	\$24,421.09	\$34,225.86

Please explain any carryover (unused) balances your college/unit's activities/programs have and how you plan to spend these funds.

Approved IRA Activity/Program	Carryover Balance	How will the carryover balance be spent?
ASCE Chico State Sustainable Solutions Team (Steel Bridge)	\$ 0.00	Not applicable
SEEHD	\$2,798.00	Applied to funding this year – Planning travel
ASCE Concrete Canoe Competition Team	\$1,185.00	Applied to funding this year
ASCE Mid-Pacific Conference Geo-Challenge Team	\$350.00	Applied to funding this year
ASCE Chico Water Treatment Team	\$ 0.00	
ASC Competition	\$62,589.00	Applied to funding this year
Chico State ACM	\$320.00	Applied to funding this year
IEEE Micromouse	0.00	No carryover received this year on Micromouse - didn't know this was an option.
SAE Formula Electric	0.00	
SAE - Baja	\$32.50	Applied to funding this year
Rocketry	\$0.00	
SAE - Formula 1	\$ 0.00	
Engineers for Alternative Energy	\$292.00	Applied to funding this year