

IRA ANNUAL PROGRAM OVERVIEW: COLLEGE OF ENGINEERING, COMPUTER SCIENCE AND CONSTRUCTION MANAGEMENT

The IRA Board is responsible for the oversight of Certified IRA Programs; this template will enable the board to easily see any changes in the programs at a high level.

Please limit your responses to no more than 2 pages total, and submit by **February 15** to jmays@csuchico.edu.



Signature of Dean/Director: _____

Print Name: Ricardo Jacquez

1. List the college's prior year carryover and current year allocation (including one-time funding) dollar amounts.

College	Prior Year Carryover	Current Year Allocation
College of ECC	\$24,421	\$105,894

2. List the total dollar amount allocated from the college/unit to each program.

IRA Program	AY 2015 2016 Allocation	AY 2016 2017 Allocation	Estimated Student Participation	Estimated Student Out of Pocket Cost	Other Sources of Funding
Assoc. Computing Machinery (ACM) Programming Contest	\$3,500	\$4,700	16	Not Reported	\$2,000
Baja SAE	\$8,500	\$19,529	34	Not Reported	\$10,750
Concrete Canoe	\$11,000	\$16,613	30	Not Reported	Not Reported
Construction Competition	\$15,000	\$15,000	64	Not Reported	Not Reported
Engineers for Alternative Energy	\$0	\$2,500	12	Not Reported	\$300
Formula SAE Internal Combustion	\$11,000	\$20,521	48	Not Reported	\$8,840
Formula SAE Electric	\$0	\$15,660	30	Not Reported	Not Reported
Geo Challenge Team (ASCE Mid-Pac Student Conference)	\$2,485	\$3,500	17	Not Reported	Not Reported
Human Powered Vehicle	\$8,500	\$5,000	12	Not Reported	\$400
Intelligent Ground Vehicle	\$0	\$0	N/A	N/A	N?A
Micromouse	\$3,500	\$3,000	9	Not Reported	Not Reported
SME Manufacturing Challenge	\$6,760	\$5,000	14	Not Reported	\$500
Steel Bridge	\$9,500	\$12,000	38	Not Reported	\$500
Supermileage Vehicle	\$0	\$0	N/A	N/A	N/A

Sustainable Engineering and Environmental Health Development (SEEHD)	\$8,500	\$12,500	4	Not Reported	Not reported
Video Animation	\$0	\$0	N/A	N/A	N/A
Water Treatment Team	\$3,700	\$2,250	20	Not Reported	Not Reported

3. Please list any of your IRA programs that are no longer in operation.

- *Supermileage Vehicle competition team*
- *Intelligent Ground Vehicle competition team*

4. Has any program expanded or decreased?

Programs with significant changes are:

- *ASCE Mid-Pac GeoChallenge expands from 6 to 17 members*
- *Steel Bridge team expands from 25 to 38 members*
- *IEEE Micromouse team decreases from 14 to 9 members*
- *Formula SAE Internal Combustion Engine team expands from 14 to 48 members*
- *Formula SAE Electric Engine team (new team) expands from 0 to 30 members*
- *SAE Baja competition team expands from 23 to 34 members*

5. Has any program had large (5-10%) changes in its allocation or expenses due to travel fluctuations, growth or shrinkage of the program? If so, please list.

Program	%Change from 2015-2016 to 2016-2017	Justification
<i>Water Treatment Team</i>	<i>-39%</i>	<i>Greatly reduced advertising, printing, supplies, registration, and business service fee</i>
<i>Baja SAE</i>	<i>+130%</i>	<i>Program growth, one-time funding of \$13,029 after receiving college allocation</i>
<i>Sustainable Engineering and Environmental Health Development (SEEHD)</i>	<i>+47%</i>	<i>Had a large one-time funding of ~\$6,800 after receiving college allocation</i>
<i>Steel Bridge</i>	<i>+26%</i>	<i>Program growth, one-time funding of ~\$3,000 after receiving college allocation</i>
<i>Concrete Canoe</i>	<i>+51%</i>	<i>One-time funding of \$6,613 after receiving college allocation</i>
<i>Human Powered Vehicle</i>	<i>-41%</i>	<i>Did not compete in 2015-2016, in re-building phase</i>
<i>Formula SAE Internal Combustion</i>	<i>+87%</i>	<i>Program growth, one-time funding of \$10,521 after receiving college allocation</i>

6. Please explain any rollover (unused) balances your college/programs have and how you plan to spend these funds (list program and amounts below).

The following programs have rollover balances from 2015-2016. Some of the rollover funds may include non-IRA allocations. The rollover funds are combined with the 2016-2017 allocation to become the operating funds for the program for the current AY 2016-2017.

Program	Rollover Amount
<i>Water Treatment Team</i>	<i>\$101</i>
<i>Sustainable Engineering and Environmental Health Development (SEEHD)</i>	<i>\$7,387</i>
<i>Geo Challenge Team (ASCE Mid-Pac Student Conference)</i>	<i>\$654</i>
<i>Micromouse</i>	<i>\$928</i>
<i>Concrete Canoe</i>	<i>\$194</i>
<i>Steel Bridge</i>	<i>\$660</i>
<i>Formula SAE Internal Combustion</i>	<i>\$618</i>
<i>Human Powered Vehicle</i>	<i>\$6,785</i>
<i>Engineers for Alternative Energy</i>	<i>\$163</i>
<i>SAE Baja</i>	<i>\$2,819</i>
<i>SME Manufacturing Challenge</i>	<i>\$903</i>