

ACADEMIC SENATE – Sustainability Committee (ASSC)
Spring 2019

(See also attached meetings minutes.)

MEMBERS	
Name	College/Unit
Bennett, Penny	Admin / CLA/AssocDean
Braun, David	CENG / EE
Chiu, Yiwen	CAFES / NRES
Dumars, Jeffery	Admin / FacPlang
Elliot, Dennis	Admin / FacSrvcs/Enrg,Ut&Sustain
Fernsler, Jonathan	CSM / Physics
Moore, Rob	ASI / Pol. Sci.
Peters, Jason	CLA / English
Reich, Jonathan (CH)	CAED / Arch
Kylee Singh	Admin / Enrg,Ut&Sust
Winslow, Dianna	Admin / CTLT
Vacant	OCOB
Vacant	PCS
Vacant	ASI (2 nd rep. was “appointed”(?) by ASI Pres. Fashami, accepted by us, but nothing happened, she never showed up)

CHARGES		
Charge	Complete ?	Status/Notes (If not complete, provide expected completion date)
Develop and pilot more SLOs assessments of courses for SUSCAT. ¹ ----- Work with GEGB to develop sustainable pathways in GE.	<input type="checkbox"/>	ASSC reviewed all new courses in 2019-20 catalogue and approved 28 courses for inclusion in SUSCAT. ----- Four ASSC members: Bennett, Moore, Peters, Winslow, served on GE Area Task Force working groups to develop sustainable pathways in GE.
Respond to AS-787-14 1. Review new courses in the 2017-2019 catalog for SUSCAT. 2. Encourage faculty to teach sustainability in new and existing courses. 3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability.	<input type="checkbox"/>	1. ASSC reviewed all new courses in 2019-20 catalogue and approved 28 courses for inclusion in SUSCAT. 2. On-going and continued to 2019-20 AY. 3. ASSC has been working closely with CTLT so much so that CTLT Writing Specialist Dianna Winslow became a member of ASSC as Academic Programs & Planning Rep.
Develop procedures to identify sustainability courses in catalog and on PASS.	<input type="checkbox"/>	Ongoing due to ITS delay which Academic Chair Stegner confirmed problem of during the September 2018 Academic Senate Retreat. <u>Some remaining questions:</u> <u>Can we get Academic Affairs to host the SUSCAT website?</u> <u>Should we have a rep from ITS on the ASSC?</u> ASSC remains concerned about the delays in advancing visibility of SUSCAT courses in the catalogue (green leaf) and on PASS (filter). Previously, we discussed the possibility of asking the Provost to prompt ITS to move on this. We discussed having a meeting with Cem Sunata, Susan Olivas, Acad. Sen. Curr. Comm. Chair Greg Bohr, to clarify (look for guidance) next steps in SUSCAT’s visibility in the Catalogue and on PASS. Waitlist for ITS services discussed. We discussed enlisting support from CSU system wide sustainability coordinator as well. Action: ASSC passed a resolution for Academic Senate to recommend adding SUSCAT filter on PASS. See attached minutes.

Respond to 2014 CSU Sustainability Policy directives. 1. "The CSU will seek to further integrate sustainability into the academic curriculum working within the normal campus consultative process. 2. The CSU will develop employee and student workforce skills in the green jobs industry, prompt the development of sustainable products and services, and foster economic development."	<input type="checkbox"/>	Ongoing 1. Four ASSC members: Bennett, Moore, Peters, Winslow, are on GE Area Task Force working groups to promote sustainable pathways in GE. 2. A team of ASSC Chair JReich's (w/Prof. Ragsdale) Edes.408 students researched and recommended that Career Services develop a "Sustainability Career Fair."
Support campus efforts to improve Cal Poly's AASHE STARS certification credits.	<input type="checkbox"/>	Ongoing. ASSC approved 28 new courses in the 2017-2019 catalogue for SUSCAT. ASSC passed resolution for Academic Senate to recommend adding SUSCAT filter on PASS.
Support campus efforts towards the Second Nature Climate Commitment. ³	<input type="checkbox"/>	Ongoing. No specific progress this quarter.
Work with students to better integrate approaches to sustainability inside and outside the classroom curriculum.	<input type="checkbox"/>	Ongoing - ASSC member Kylee Singh continues to lead remarkably effective student "Green Team" on many campus initiatives - A team of ASSC Chair JReich's (w/Prof. Ragsdale) Edes.408 students researched and recommended that Career Services develop a "Sustainability Career Fair. Other Edes.408 student teams proposed bulk food bins and reusable foodware to campus food services, began a Sunrise Movement/Green New Deal hub at Cal Poly, proposed Cal Poly adopt UC Davis's Campus Resources Dashboard, did crucial marketing for the Cal Poly Community Garden, planned and initiated a gardening class through NRS, and drafted a new Cal Poly Green Living Guide.
Follow up the April 2017 Sustainability Charrette Action Items. Spring 2018 1. Define a Cal Poly Statement on sustainability and integrate into the hiring process. 2. Study how Cal Poly might implement a sustainability graduation requirement. 3. Define organization and responsibilities for a Cal Poly Office of Sustainability.	<input type="checkbox"/>	← ASSC participated mightily in the 2019 Cal Poly sustainability charrette

¹ www.academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo

² www.academicsenate.calpoly.edu/content/acadsen_comm/sustainability

³ <http://secondnature.org/wp-content/uploads/2015/09/Climate-Commitment-Second-Nature.pdf>

NOTES:

The Academic Sustainability Committee (ASSC) met 5 times in Spring quarter 2019. Meeting minutes are attached herewith.

ASSC Spring Quarter 2019 Meetings: (Meetings were held in #05-201A except May 30 in the PAC Lobby and June 4-11 via email)

- **2:10pm** Tues. April 16 - Braun, Dumars, Fernsler, Peters, Singh, Winslow, JReich (7)
- **2:10pm** Tues. April 30 - Braun, Dumars, Fernsler, Peters, Singh, Winslow, JReich (7)
- **3:10pm** Tues. May 14 - Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7)
- ~~**3:10pm** Tues. May 21 - Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7)~~ **Meeting canceled.**
- **All-Day Sustainability Charrette Thursday May 30 in PAC (with lunch!)** Braun, Chiu, Elliot, Peters, JReich, Singh.
- ~~**3:10pm** Tues. June 4 - Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7)~~ **Meeting canceled.**
- **Email Meeting:** June 4 - 11 - Bennett, Braun, Chiu, Peters, Singh, Winslow, JReich (7)

Cal Poly Sustainability Learning Objectives: ¹

Cal Poly defines sustainability as the ability of the natural and social systems to survive and thrive together to meet current and future needs.

In order to consider sustainability when making reasoned decisions, all graduating students should be able to:

- Define and apply sustainability principles within their academic programs
- Explain how natural, economic, and social systems interact to foster or prevent sustainability
- Analyze and explain local, national, and global sustainability using a multidisciplinary approach
- Consider sustainability principles while developing personal and professional values

Academic Senate Resolution 688-09 approved by President Baker June 22, 2009

Meeting Date: **April 16, at 2:10pm**

Minutes Recorded By: Jonathan Reich

Meeting Convened: **2:10pm****ATTENDANCE:**

- | | | |
|--|--|---|
| <input type="checkbox"/> Bennett, Penny, CLA/AssocDean, Admin (EO) | <input type="checkbox"/> Fernsler, Jonathan, Physics Faculty CSM | <input checked="" type="checkbox"/> Winslow, Dianna CTLT VP Prog&Png Rep (EO) |
| <input checked="" type="checkbox"/> Braun, David, ElecEngr Faculty CENG | <input type="checkbox"/> Moore, Rob, Student, ASI Rep (EO) | <input type="checkbox"/> Vacant, faculty, OCOB |
| <input type="checkbox"/> Chiu, Yiwen, NRES Faculty CAFES | <input checked="" type="checkbox"/> Peters, Jason, English Faculty, CLA | <input type="checkbox"/> Vacant, PCS Rep (EO) |
| <input type="checkbox"/> Dumars, Jeffrey, FacPng VP/Adm&Fin Rep (EO) | <input checked="" type="checkbox"/> Reich, Jonathan (CH) Arch Faculty CAED | <input type="checkbox"/> Vacant, Student, ASI Rep (EO) |
| <input checked="" type="checkbox"/> Elliot, Dennis, FacSvcs, VP/Adm&Fin Rep (EO) | <input checked="" type="checkbox"/> Kylee Singh, Enrg&Sustain Admin(EO) (on leave) | |

APOLOGIES:

GUESTS: Logan Babcock, Third Year Environmental Management and Protection Major, Law and Society Minor & President of the Climate Change Action Research Group & Green Campus Team Member - Cal Poly Honors Program

QUORUM: Required attendance of committee for quorum is 7/12 Committee members present: **6** Quorum?: ☐ Yes ☒ No

AGENDA:

1. Review ASSC Winter Quarterly Report. (Thanks Braun for eagle-eye edits) (5 minutes) *Approved by consensus.*

2. Names to solicit from PCS & OCOB for membership in ASSC? (where is that ASI student Rep.#2 that was supposed to show up??). (5 min.)
Suggested to send note to ASI president...

3. Review Courses for SUSCAT: Schedule for updating SUSCAT with the new courses approved this catalogue cycle. (5 min.)
JReich will put "packets" together for college reps to ASSC, check Academic Senate deadlines for submission of consent items this year (SUSCAT recommendations from ASSC are consent agenda items.)

4. Plan for 2019 Sustainability Charrette ~~Friday May 17~~. (Can Edes.408 students participate?) (Kylee Singh) (5 min.)
Charrette date and location changed to Thursday May 30th in PAC Lobby. Planning meeting Tuesday May 14th in Facilities conference room.

5. Cal Poly Sustainability Award Nominations ! (Shouldn't this first one go to Dennis Elliot?) (5 min.)
<https://forms.office.com/Pages/ResponsePage.aspx?id=2wING578IUSVNx03nMog5-ccdYkigABMjCRGanEkrJVUNjFCSDUwSzBDNU9PUEJFSkM3OVIMMkdGU4u>
Discussed sustainability awards. JReich recommended Greg Fiegel (faculty) and Dianna Winslow (staff) be nominated.

6. Report by Logan Babcock from student group Climate Change Action Research Group (CCARG) and from sustainability Community of Practice rep. on survey of nearly 1000 students to determine sustainability knowledge on campus. (15 min.)
Logan Babcock presented initial analysis of 10 question survey 867 students completed on knowledge of sustainability in Fall quarter. Survey had respondents from all Cal Poly colleges. JReich learned what I=PAT formula means, a formula commonly used by environmental science people.

7. Other news / business: - *CTLT upcoming book circle this summer on book "Flourishing"*
- Future direction of ASSC in moving initiatives forward:
 - Re. specific incentives for efforts that advance CSU & Cal Poly sustainability policies in ARPT, Prof. Pete Schwartz forwarded recommendation from Physics Sustainability Committee:
 - Progress on "SUSCAT filter on PASS" initiative (Braun) - Discuss issue of Including Sustainability in Faculty Recruitment

HANDOUTS:

- Check out CSU Sustainability Report: <https://www2.calstate.edu/impact-of-the-csu/sustainability/Documents/2014-17-Sustainability.pdf>

MEETING(s) ADJOURNED: 3:00pm

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- **All-Day Sustainability Charrette Friday May 17 in Bonderson #197-104 (with lunch!)**
- **3:10pm** Tues. May 21 - Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7)
- **3:10pm** Tues. June 4 - Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7)

Academic Senate Sustainability Committee 2018-2019: (Note the vacancies)

Name	Department	College/Unit	Office	email@calpoly.edu	Exp Term
Bennett, Penny	CLA/AssocDean	Admin	62408	pkbennet	EO (Acad.Dean)
Braun, David	Elec. Engrg	CENG	61464	dbraun	2020
Chiu, Yiwen	NRES	CAFES	62972	yichiu	2019
Dumars, Jeffrey	FacPlang	Admin	66588	jdumars	EO (Dir/FacPlng)
Elliot, Dennis	FacSrvcs/Enrg,Ut&Sustain	Admin	62090	delliot	EO (VP/Adm&Fin))
Fernsler, Jonathan	Physics	CSM	62438	jfernse	2020
Moore, Rob	Student	ASI	61281	rmoore30	EO (ASI)
Peters, Jason	English	CLA	62862	jpeter65	2020
Reich, Jonathan (CH)	Arch	CAED	805-801-8848	jreich	2019
Singh, Kylee	Enrg,Ut&Sust	Admin	65397	klsingh	EO (Enrg,Ut&Sust)
Winslow, Dianna	CTLT	Admin	67526	dwinslo	EO (VP Acad Prog&Plng)
Vacant	-----	OCOB	-----	-----	2020
Vacant	-----	PCS	-----	-----	2019
Vacant,	Student	ASI	-----	-----	EO (ASI)

Cal Poly Sustainability Learning Objectives (“SLOs”):¹

Cal Poly defines sustainability as the ability of the natural and social systems to survive and thrive together to meet current and future needs.

In order to consider sustainability when making reasoned decisions, all graduating students should be able to:

- Define and apply sustainability principles within their academic programs
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- Consider sustainability principles while developing personal and professional values

Academic Senate Resolution 688-09 approved by President Baker June 22, 2009

ASSC Committee Charges for 2018-19:²**Responsibilities:**

The Sustainability Committee shall inform and support the activities of other committees whose scope encompasses environmental responsibility. The Sustainability Committee shall make recommendations to the Academic Senate, as appropriate, regarding the provisions of the Talloires Declaration (AS-622-04) and the CSU Sustainability Policy.

Charges:

- Develop and pilot more SLOs assessments. Ongoing
- Respond to AS-787-14
 1. Review new courses in the 2017-2019 catalog for SUSCAT. Fall 2018
 2. Encourage faculty to teach sustainability in new and existing courses. Ongoing
 3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability. Ongoing
- Develop procedures to identify sustainability courses in catalog and on PASS. Fall 2018
- Respond to 2014 CSU Sustainability Policy directives. Ongoing
 1. “The CSU will seek to further integrate sustainability into the academic Curriculum working within the normal campus consultative process
 2. The CSU will develop employee and student workforce skills in the green jobs industry, prompt the development of sustainable products and services, and foster economic development.
- Support campus efforts to improve Cal Poly’s AASHE STARS certification credits. Ongoing
- Work with students to better integrate approaches to sustainability inside and outside the classroom curriculum. Ongoing
- Follow up the April 2017 Sustainability Charrette Action Items. Fall 2018
 1. Define a Cal Poly statement on sustainability and integrate into the hiring process
 2. Study how Cal Poly might implement a sustainability graduation requirement
 3. Define organization and responsibilities for a Cal Poly Office of Sustainability
- **Work with GEGB to develop sustainability pathways in GE.**

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Academic Senate Sustainability Committee (ASSC)

Minutes

Spring 2019

Meeting Date: **April 30, at 2:10pm**

Minutes Recorded By: Jonathan Reich

Meeting Convened: **2:10pm**

ATTENDANCE:

- | | | |
|--|--|--|
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APOLOGIES:

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QUORUM: Required attendance of committee for quorum is 7/12 Committee members present: 7 Quorum?: ☒ Yes ☐ No

AGENDA:

1. Review Courses for SUSCAT: Schedule for updating SUSCAT with the new courses approved this catalogue cycle.

JReich had gone through ALL the new courses proposed for the 2019-2020 catalogue and had done preliminary analysis of them using the rubric for SUSCAT. Then he distributed the analyses and draft completed rubrics for each course to each college faculty rep to ASSC for review and confirmation.

Several of these course SUSCAT analyses were discussed and reviewed.

JReich asked college faculty reps to complete their review of the new courses SUSCAT rubrics by May 6th so he can prepare the list of new SUSCAT courses and get it submitted to the Academic Senate agenda to be approved before the end of the academic year.

2. Suggestions for revising the "Academic Senate SUSCAT Evaluation Rubric." (Dianna Winslow)

There was a long vigorous discussion about how to use the SUSCAT course evaluation rubric and ASSC members expressed differing opinions on how to use the rubric.

3. Plan for 2019 Sustainability Charrette Friday May 30. (Can Edes.408 students participate?) (Kylee Singh) (5 min.)

4. Cal Poly Sustainability Award Nominations ! (Deadline extended to May 3)

<https://forms.office.com/Pages/ResponsePage.aspx?id=2wING578IUSVNx03nMoq5-ccdYkiqABMjCRGanEkrJVUNjFCSDUwSzBDNU9PUEJFSkM3OVIMMkdGU4u>

7. Other news / business: - Future direction of ASSC in moving initiatives forward:

- Re. specific incentives for efforts that advance CSU & Cal Poly sustainability policies in ARPT, Prof. Pete Schwartz forwarded recommendation from Physics Sustainability Committee:

- Progress on "SUSCAT filter on PASS" initiative (Braun) - Discuss issue of Including Sustainability in Faculty Recruitment

HANDOUTS:

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Home	Plan Your Degree ▾	Register For Classes ▾	Student Records ▾	Forms ▾	Calendars ▾	Faculty and Staff ▾	Contact
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Curriculum Handbook : Status of Proposals

Status of Proposals

Proposals Outside of the Catalog Review Cycle

Certain types of proposals may be submitted outside of a catalog review cycle. For timelines, refer to the section on [2019-20 Catalog Proposals](#) or [2020-21 Catalog Proposals](#).

[Status of Proposals, Academic Year 2018-2019 Review](#)
(Academic Senate Consent Agenda)

2019-20 Catalog Program Summary

[View the status of all proposals](#) to add, discontinue, or change the name of a program (degree, concentration, specialization, minor, or graduate certificate) in the 2019-20 catalog.

2019-20 Catalog Proposals

College Summaries

Below are summaries of 2019-20 catalog proposals by college. The summaries include proposals to add or discontinue programs, as well as proposals to add or remove courses offered by another department from a program’s curriculum. Additionally, the summaries include proposals to add, edit, or deactivate courses.

- Athletics - no changes
- [College of Agriculture, Food and Environmental Sciences](#)
- [College of Architecture and Environmental Design](#)
- [Orfalea College of Business](#)
- [College of Engineering](#)
- [College of Liberal Arts](#)
- [College of Science and Mathematics](#)
- Extended Education - no changes
- [Honors Program](#)
- Liberal Arts and Engineering Studies - no changes
- University Studies (UNIV) - no changes

For questions about the status of proposals, contact catalog@calpoly.edu

CURRICULUM HANDBOOK

Curriculum Handbook

2019-20 Catalog Proposals

- › [Catalog Review Cycle Timeline](#)
- › [Out-of-Cycle Timelines](#)

2020-21 Catalog Proposals

- [Review Process and Roles](#)
- [Status of Proposals](#)
- [Curriculum Management System](#)
- [Course Learning Objectives \(CLOs\)](#)
- [Course Policies and Guidelines](#)
- [Program Policies and Guidelines](#)
- [Consultation with Other Departments](#)
- [Selected Topic Proposals](#)
- [Curriculum Forms](#)





My Apps

- PASS (Plan A Student Schedule)
- Email & Calendar
- Cal Poly OneDrive
- HR Administration
- Student Administration
- CSU Portal- Financial Administration
- PolyData Dashboards
- Campus Wiki
- Student Assistant Management
- Electronic Workflow
- Course Materials
- Technical Service Request
- Facilities Requests
- PolyCard Services
- Cal Poly Scholarships
- Student Accommodations (Faculty)
- Interfolio
- Lynda.com
- Cal Poly Learning Hub

[Edit Favorites](#)

Printable Course Info

Term: Spring Quarter 2019

Course: ARCH 363-02

Document Type: Enrolled Students

File Format: PDF

Show EmplIDs: ☒[Download](#)

Poly Profile

Advising Tools

- [PolyProfile](#)

View comprehensive student specific data: enrollments, term history, academic program, addresses and grades.



Note: Data from this source is refreshed nightly.

Curriculum Management

Use the online forms and electronic workflow in the Curriculum Management system to submit proposals for the catalog. For additional information, refer to the [Curriculum Handbook](#).

[Course Inventory Management](#)

- Edit, deactivate, reactivate, or propose a course.

[Program Management](#)

NOTE: As the General Education template is being revised and applied to curricula for the 2020-21 catalog, programs may not be edited in the Curriculum Management system. In the interim, departments will still have access to deactivate or to propose new programs (e.g. concentrations, minors) in the system for the Summer 2021 catalog.

- Edit a program's description, learning objectives/outcomes, or curriculum.
- Deactivate or propose a concentration, graduate certificate, minor, or specialization. (Contact Academic Programs and Planning to propose, elevate or deactivate a degree program.)

[Workflow](#)

- View and manage workflow, if you have approval responsibility, such as chair of a curriculum committee or chair/head of a department.

Faculty Course Info

[Faculty Center](#)

- View My Class Schedule
- View My Weekly Schedule
- Class Roster (**Note:** a blank page may appear while processing)
- Grade Roster (to record grades and view grades for past class sections)
- Student Data (Drop in Advisee on Advisement tab)

[Academic Catalog](#)

View degree programs, course descriptions, and academic

Course Inventory Management

Help

Use this page to edit, deactivate, reactivate, or propose a course. You may also use this page to check status of proposals in workflow and to view approved proposals.

Search for a course, using one of the following options:

- Enter a course's subject prefix and catalog number, e.g. ENGL 134. The specified course will display in search results.
- Enter a subject prefix, e.g. ENGL. Active or recently deactivated courses with that subject prefix will display.
- Enter a key word or phrase, preceded and followed by an asterisk (*), e.g. *Writing*. Active or recently deactivated courses with the specified text in their title will display.

To view an approved proposal:

1. Select the course in search results.
2. In the History log that displays in the right margin for the course, click on a date to view the associated proposal.

If you need to delete a saved proposal, contact a system administrator by sending an email request to catalog@calpoly.edu.

For more information, refer to the [Curriculum Handbook](#).

WVIT 477

Search

☐ Archive
☐ History

- OR -

Propose New Course

Quick Searches...

Course Code	Title	Workflow	Status
WVIT 477	Advanced Wine Sensory Analysis		

To see course details, syllabus, etc.
Click here to open course proposal
or
Click here to print course proposal
or save it as PDF

Print Proposal

Deactivate

Edit Course

[Preview Workflow](#)

Viewing: **WVIT 477 : Advanced Wine Sensory Analysis**

Last approved: 12/08/18 3:32 am

Last edit: 12/06/18 10:54 am

Catalog Pages referencing this course

[Wine and Viticulture](#)
[Wine and Viticulture \(WVIT\)](#)

Programs referencing this course

[WVIT-BS1: Enology Concentration in BS Wine and Viticulture](#)

History

1. Dec 8, 2018 by Federico Casassa (lcasassa)

Original Proposal

Date

Proposer(s)

Subject Prefix

WVIT

Catalog Number

477

Course Inventory Management

Use this page to edit, deactivate, reactivate, or propose a course. You may also use this page to check status of proposals in workflow and to view approved proposals.

Search for a course, using one of the following options:

- Enter a course's subject prefix and catalog number, e.g. ENGL 134. The specified course will display in search results.
- Enter a subject prefix, e.g. ENGL. Active or recently deactivated courses with that subject prefix will display.
- Enter a key word or phrase, preceded and followed by an asterisk (*), e.g. *Writing*. Active or recently deactivated courses with the specified text in their title will display.

To view an approved proposal:

1. Select the course in search results.
2. In the History log that displays in the right margin for the course, click on a date to view the associated proposal.

If you need to delete a saved proposal, contact a system administrator by sending an email request to catalog@calpoly.edu.

For more information, refer to the [Curriculum Handbook](#).

Enter new course acronym and number from college spreadsheet here and press search

WVIT 477

Search

☐ Archive
☐ History

- OR -

Propose New Course

Quick Searches...



Course Code	Title	Workflow	Status
AERO 231	Introduction to Programming with Engineering Applications	112-AERO Chair	Added
AERO 455	Introduction to Human Spaceflight	112-AERO Curr Chair	Added
AG	Topics in Food Microbiology		Added
AG 101	Student Success in CAFES		Added
AGB 212	Agricultural Economics	Curr Coordinator	Edited
AGC 101	Public Speaking in Agriculture		Added
AGC 148	Scientific Communications in Agriculture		Added

Academic Senate Sustainability Committee SUSCAT Evaluation Rubric Revisions proposed by JReich & Dianna Winslow April 30, 2019

Course Prefix & Number	Replace this cell with course Prefix & Number, e.g. "GEOG 301"
Course Title	Replace this cell with course Title, e.g. "Geography of Resource Utilization"
Course Description	Replace this cell with course catalog description, e.g. "A multicultural, world view of the interconnections of the following resource systems: food, energy, water, and non-fuel minerals. A pervading theme is the sustainability of these systems. 4 lectures. Prerequisite: Completion of GE Areas A, D3. Recommended: Junior standing. Fulfills GE D5 except for Social Sciences majors."
GE Area, if any	
Evaluator name:	
Evaluator User Name:	

Initial Assessment Based on Course Title & Description	Points Possible	Points Actual	
Yes, the course very likely achieves at least two of the four SLOs.	2		Enter score of 0-2
Maybe, the course might achieve one or more SLOs.	1		
No, the course doesn't seem to address the SLOs.	0		

Cal Poly defines sustainability as
the ability of natural and social systems to survive and thrive together to meet current and future needs.

Assessment Based on Course Proposal or Syllabus	Minimal Evidence Score = 0	Threshold Evidence Score = 1	Strong Evidence Score = 2 *	Superior Evidence Score = 3 **	Score	
SLO1: Students define and apply sustainability principles within their academic programs	Syllabus, schedule, assignments, do not mention ideas connected to this SLO	Syllabus, schedule, assignments, mentions ideas connected to this SLO	Syllabus, schedule, assignments, shows ideas connected to this SLO	Syllabus, schedule, assignments, show ideas connected to this SLO as a major course focus		Enter score 0-3 in cell F14
SLO2: Students explain how natural, economic, and social systems interact to foster or prevent sustainability	Syllabus, schedule, assignments, do not mention ideas connected to this SLO	Syllabus, schedule, assignments, mentions ideas connected to this SLO	Syllabus, schedule, assignments, shows ideas connected to this SLO	Syllabus, schedule, assignments, show ideas connected to this SLO as a major course focus		Enter score 0-3 in cell F15
SLO3: Students analyze and explain local, national, and global sustainability using a multidisciplinary approach	Syllabus, schedule, assignments, do not mention ideas connected to this SLO	Syllabus, schedule, assignments, mentions ideas connected to this SLO	Syllabus, schedule, assignments, shows ideas connected to this SLO	Syllabus, schedule, assignments, show ideas connected to this SLO as a major course focus		Enter score 0-3 in cell F16
SLO4: Students consider sustainability principles while developing personal and professional values	Syllabus, schedule, assignments, do not mention ideas connected to this SLO	Syllabus, schedule, assignments, mentions ideas connected to this SLO	Syllabus, schedule, assignments, shows ideas connected to this SLO	Syllabus, schedule, assignments, show ideas connected to this SLO as a major course focus		Enter score 0-3 in cell F17
Total Score (SLO 1 - SLO 4)					0	

20% or more of the course covers the SLOs.	Yes or No?		Enter yes or no in cell F19
Sustainability Focused Course (Score >=6 AND 20% or more sustainability)	Yes or No?		Enter yes or no in cell F20
Sustainability Related Course (Score >=1)	Yes or No?		Enter yes or no in cell F21
If course doesn't address the SLOs, could it?	Yes or No?		Enter yes or no in cell F22

Suggestion(s) how course might address one or more of the SLOs:

Other Comments:

* A score of 2 requires the syllabus to show SLO student outcomes AND mention the SLO.
 ** A score of 3 requires the syllabus to have the SLO as a major course focus AND show the SLO student outcomes AND mention the SLO.

Below is what rows 14-17 said before this proposed change					
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[illegible]

Academic Senate Sustainability Committee (ASSC)

Minutes

Spring 2019

Meeting Date: **May 14, at 3:10pm**

Minutes Recorded By: Jonathan Reich

Meeting Convened: **3:15pm**

ATTENDANCE:

- ☐ Bennett, Penny, CLA/AssocDean, Admin (EO)
- ☒ Braun, David, ElecEngr Faculty CENG
- ☒ Chiu, Yiwen, NRES Faculty CAFES
- ☐ Dumars, Jeffrey, FacPIng VP/Adm&Fin Rep (EO)
- ☐ Elliot, Dennis, FacSvcs, VP/Adm&Fin Rep (EO)

- ☐ Fernsler, Jonathan, Physics Faculty CSM
- ☒ Moore, Rob, Student, ASI Rep (EO)
- ☒ Peters, Jason, English Faculty, CLA
- ☒ Reich, Jonathan (CH) Arch Faculty CAED
- ☐ Kylee Singh, Enrg&Sustain Admin(EO) (on leave)

- ☒ Winslow, Dianna CTLT VP Prog&PIng Rep (EO)
- ☐ Vacant, faculty, OCOB
- ☐ Vacant, PCS Rep (EO)
- ☐ Vacant, Student, ASI Rep (EO)

APOLOGIES: **Elliot, Singh**

GUESTS:

QUORUM: Required attendance of committee for quorum is 7/12

Committee members present: **6**

Quorum?: ☐ Yes ☒ No

AGENDA:

1. Review Courses for SUSCAT: Final review of SUSCAT additions and changes. <https://suscat.calpoly.edu>

Sarah Best of the Academic Senate had informed JReich that consent agenda items didn't have to be submitted for last Academic Senate meeting until May 21, 2019 so ASSC had another chance to discuss the new courses in the new catalogue and their SUSCAT eligibility again and JReich asked ASSC to do so.

*The "FINAL" version of ASSC's list of new courses in the new 2019-20 catalogue approved for SUSCAT consent agenda item includes:
14 courses to be added to SUSCAT as "Sustainability Focused,"
14 courses to be added to SUSCAT as "Sustainability Related."*

2. Suggestions for revising the "Academic Senate SUSCAT Evaluation Rubric." (Dianna Winslow)

There was discussion of modifying the SUSCAT Rubric. A proposed modified rubric is attached.

3. Plan for 2019 Sustainability Charrette Thursday May 30. (Can Edes.408 students participate?) (Kylee Singh) (5 min.)

We proposed asking Kylee Singh to invite the ASI Student Government

4. Other news / business:
- ASSC agreed with JReich & Braun's suggestion that food trucks at Dexter Lawn should have electrical receptacles so they don't have to run their diesel engines producing diesel fumes for the HOURS they're parked there and agreed that we should ask Dennis Elliot how that could happen.
 - CCARG students will present their final sustainability awareness student survey results May 21 or June 4.
 - Future direction of ASSC in moving initiatives forward:
 - Re. specific incentives for efforts that advance CSU & Cal Poly sustainability policies in ARPT, Prof. Pete Schwartz forwarded recommendation from Physics Sustainability Committee:
 - Progress on "SUSCAT filter on PASS" initiative (Braun)
 - Discuss issue of Including Sustainability in Faculty Recruitment

HANDOUTS:

- Check out CSU Sustainability Report: <https://www2.calstate.edu/impact-of-the-csu/sustainability/Documents/2014-17-Sustainability.pdf>

MEETING(s) ADJOURNED: **4:00pm**

ASSC Spring Quarter 2019 Meetings: (Meetings to be held in #05-201A)

- ~~2:10pm~~ Tues. April 16 — Braun, Dumars, Fernsler, Peters, Singh, Winslow, JReich (7)
- ~~2:10pm~~ Tues. April 30 — Braun, Dumars, Fernsler, Peters, Singh, Winslow, JReich (7)
- ~~3:10pm~~ Tues. May 14 — Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7)
- ~~3:10pm~~ Tues. May 21 — Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7) **Meeting canceled.**
- All-Day Sustainability Charrette Thursday May 30 in PAC (with lunch!)
- ~~3:10pm~~ Tues. June 4 — Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7) **Meeting canceled.**

Academic Senate Sustainability Committee 2018-2019: (Note the vacancies)

Name	Department	College/Unit	Office	email@calpoly.edu	Exp Term
Bennett, Penny	CLA/AssocDean	Admin	62408	pkbennet	EO (Acad.Dean)
Braun, David	Elec. Engrg	CENG	61464	dbraun	2020
Chiu, Yiwen	NRES	CAFES	62972	yichiu	2019
Dumars, Jeffrey	FacPlang	Admin	66588	jdumars	EO (Dir/FacPlng)
Elliot, Dennis	FacSrvcs/Enrg,Ut&Sustain	Admin	62090	delliot	EO (VP/Adm&Fin))
Fernsler, Jonathan	Physics	CSM	62438	jfernsl	2020
Moore, Rob	Student	ASI	61281	rmoore30	EO (ASI)
Peters, Jason	English	CLA	62862	jpeter65	2020
Reich, Jonathan (CH)	Arch	CAED	805-801-8848	jreich	2019
Singh, Kylee	Enrg,Ut&Sust	Admin	65397	klsingh	EO (Enrg,Ut&Sust)
Winslow, Dianna	CTLT	Admin	67526	dwinslo	EO (VP Acad Prog&Plng)
Vacant	-----	OCOB	-----	-----	2020
Vacant	-----	PCS	-----	-----	2019
Vacant,	Student	ASI	-----	-----	EO (ASI)

Cal Poly Sustainability Learning Objectives (“SLOs”):¹

Cal Poly defines sustainability as the ability of the natural and social systems to survive and thrive together to meet current and future needs.

In order to consider sustainability when making reasoned decisions, all graduating students should be able to:

- Define and apply sustainability principles within their academic programs
- Explain how natural, economic, and social systems interact to foster or prevent sustainability
- Analyze and explain local, national, and global sustainability using a multidisciplinary approach
- Consider sustainability principles while developing personal and professional values

Academic Senate Resolution 688-09 approved by President Baker June 22, 2009

ASSC Committee Charges for 2018-19:²**Responsibilities:**

The Sustainability Committee shall inform and support the activities of other committees whose scope encompasses environmental responsibility. The Sustainability Committee shall make recommendations to the Academic Senate, as appropriate, regarding the provisions of the Talloires Declaration (AS-622-04) and the CSU Sustainability Policy.

Charges:

- Develop and pilot more SLOs assessments. Ongoing
- Respond to AS-787-14
 1. Review new courses in the 2017-2019 catalog for SUSCAT. Fall 2018
 2. Encourage faculty to teach sustainability in new and existing courses. Ongoing
 3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability. Ongoing
- Develop procedures to identify sustainability courses in catalog and on PASS. Fall 2018
- Respond to 2014 CSU Sustainability Policy directives. Ongoing
 1. “The CSU will seek to further integrate sustainability into the academic Curriculum working within the normal campus consultative process
 2. The CSU will develop employee and student workforce skills in the green jobs industry, prompt the development of sustainable products and services, and foster economic development.
- Support campus efforts to improve Cal Poly’s AASHE STARS certification credits. Ongoing
- Work with students to better integrate approaches to sustainability inside and outside the classroom curriculum. Ongoing
- Follow up the April 2017 Sustainability Charrette Action Items. Fall 2018
 1. Define a Cal Poly statement on sustainability and integrate into the hiring process
 2. Study how Cal Poly might implement a sustainability graduation requirement
 3. Define organization and responsibilities for a Cal Poly Office of Sustainability
- Work with GEGB to develop sustainability pathways in GE.

¹ www.academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo

² www.academicsenate.calpoly.edu/content/acadsen_comm/sustainability

³ <http://secondnature.org/wp-content/uploads/2015/09/Climate-Commitment-Second-Nature.pdf>

New SUSCAT Courses for Academic Senate Consent Agenda

Date: May 18, 2019

Resolution AS-792-15 dated April 21, 2015 "On Approving Assessment Process For Courses Meeting Sustainability Learning Objectives" directs the Academic Senate Sustainability Committee (ASSC) to identify which courses to list on the Cal Poly Sustainability Catalog (SUSCAT) following the approved assessment process and directs the ASSC to place SUSCAT course recommendations on the Academic Senate's Consent agenda.

The SUSCAT approved courses appear on <https://suscat.calpoly.edu>

This memo lists new courses in the 2019-20 catalogue evaluated for inclusion in SUSCAT, previous courses which have been re-evaluated and modified for inclusion in SUSCAT, and name changes that have occurred to existing courses in SUSCAT for the period from September 2018 through April 2019.

NEW! COURSES TO LIST ON SUSCAT

College/Course Number	Course Title	GE Area
CAED		
CM 318	Housing and Communities (as Sustainability related)	D5
CAFES		
ASCI 239	Principles of Rangeland Management (as Sustainability related)	
ASCI 372	California Rangeland and Ranch Resource Management (as Sustainability related)	
ASCI 465	Applied Practices for Monitoring California Rangelands (as Sustainability related)	
AEPS 205	Orchard & Vegetable Enterprise Project (as Sustainability related)	
AEPS 245	Horticulture Production Techniques (as Sustainability focused)	
AEPS 420	Organic Crop Production Systems (as Sustainability related)	
ERSC 443	Applied Environmental Contaminant Transport (as Sustainability related)	
NR 305	Forest Ecology and Silvics (as Sustainability focused)	
NR 328	Environmental Leadership and Community Engagement (as Sustainability focused)	D5
NR 413	Agricultural Law (as Sustainability related)	
NR 422	Stream Measurements and Water Quality Monitoring (as Sustainability related)	
NR 445	Systems Thinking in Environmental Management (as Sustainability focused)	
NR 474	Forest Stewardship Practices (as Sustainability focused)	
SS130	Soils in Environmental and Agricultural Systems as (as Sustainability focused)	B3 & B4
CENG		
EE 520	Solar-Photovoltaic Systems Design (as Sustainability focused)	
ENVE 450	Industrial Pollution Prevention (as Sustainability focused)	
MATE 320	Materials Selection for the Life Cycle (as Sustainability related)	
MATE 485	Materials and the Environment (as Sustainability focused)	
ME 453	Trends and Opportunities in HVAC&R (as Sustainability focused)	
ME 454	Benchmarking and Assessment of Building Energy Performance (as Sustainability focused)	
ME 455	Introduction to Building Energy Modeling (as Sustainability focused)	
CLA		
HIST 311	Comparative World Environmental History & Sustainability Since 1492 (as Sustainability focused)	D5
SOC 308	Sociology of the Environment (as Sustainability focused)	
SOC 343	Contemporary Societies of the Developing World (as Sustainability related)	D5
SOC 423	Gender & Work (as Sustainability related)	USCP
OCOB		
ITP 415	Supply Chain & Logistics (as Sustainability related)	
CSM		
MSCI 111	Intro to Marine Biology (as Sustainability related)	B2

NAME CHANGES TO EXISTING COURSES ON SUSCAT

Course Number	Title	GE Area
	Name Changes to existing <u>Sustainability Focused</u> Courses	
ARCH-207	Environmental Control Systems I To Architectural Technology Fundamentals 2.3.	
ARCH-307	Environmental Control Systems 2 To Architectural Systems Integration 3.2.	
ARCH-341	Architectural Practice 3.1 to Architectural Systems Integration 3.1.	
ARCH-342	Architectural Practice 3.2 to Architectural Systems Integration 3.3.	
SS-121 SS-120	Introductory Soil Science	
	Name Changes to existing <u>Sustainability Related</u> Courses	
ARCH-241	Architectural Practice 2.2 to Architectural Technology Fundamentals 2.2.	
ARCH-242	Architectural Practice 2.1 to Architectural Technology Fundamentals 2.1.	
ARCH-106	Introduction to Building Systems to Materials of Construction.	

COURSES TO REMOVE FROM SUSCAT

Course Number	Title	GE Area



MENU



MAPS



SEARCH

Sustainability Catalog

Home : Focused Courses

Sustainability Focused Courses

SORTED ALPHABETICALLY BY PREFIX

COURSE	TITLE	GE CODE
AEPS-315	Organic Agriculture	F
AG-315	Organic Agriculture	F
AG-330	Cal Poly Land: Nature, Technology, and Society	F
AG-350	The Global Environment	F
AG-360	Holistic Management	F
ARCE-475	Civil Infrastructure and Building Systems	
ARCH-207	Environmental Control Systems 1 Architectural Technology Fundamentals 2.3.	
ARCH-253	Architectural Design 2.3	
ARCH-307	Environmental Control Systems 2 Architectural Systems Integration 3.2.	
ARCH-341	Architectural Practice 2.1 Architectural Systems Integration 3.1.	
ARCH-342	Architectural Practice 3.2 Architectural Systems Integration 3.3.	
ARCH-451	Architectural Design 4.1	
ARCH-452	Architectural Design 4.2	
ARCH-453	Architectural Design 4.3	
ARCH-472	Housing Design Concepts	
ARCH-481	Senior Architectural Design Project	
ARCH-492	Senior Design Thesis	
ASCI-360	Holistic Management	F
BIO-112	Environmental Biology and Conservation	B5
BIO-227	Wildlife Conservation Biology	B2
BIO-401	Principles of Conservation Biology	
BIO-434	Environmental Physiology	
BIO-446	Ecosystem Ecology	
BOT-311	Plants, People and Civilization	B5
BRAE-348	Energy for a Sustainable Society	F
CE-527	Sustainable Mobility	
CM-317	Sustainability and the Built Environment	F
CM-425	Sustainability and Environment	
COMS-390	Environmental Communication	
CRP-202	Urban Design Studio I	

Course name changes

CRP-336	Introduction to Environmental Planning	
CRP-412	Plan Implementation	
CRP-438	Pollution Prevention and Control	
CRP-440	Climate Action Planning	
CRP-445	Planning and Urban Ecology	
CRP-504	Sustainable Communities	
CRP-545	Principles of Environmental Planning	
ECON-431	Environmental Economics	
ECON-432	Economics of Energy and Resources	
EDES-350	The Global Environment	F
EDES-406	Sustainable Environments	
EDES-408	Implementing Sustainable Principles	
EDES-410	Advanced Implementation of Sustainable Principles	
EE-420	Sustainable Electric Energy Conversion	
ENGR-350	The Global Environment	F
ERSC-325	Climate and Humanity	
ERSC-333	Human Impact on the Earth	
GEOG-301	Geography of Resource Utilization	D5
GEOG-325	Climate and Humanity	
GEOG-333	Human Impact on the Earth	
GEOG-408	Geography of Development	
GSE-532	Environmental and Natural Resource Economics	
HIST-432	United States Environmental History	
HNRS-161	Creating Sustainable Communities (i)	D3
HNRS-162	Creating Sustainable Communities (ii)	D3
HNRS-163	Creating Sustainable Communities (iii)	
HNRS-391	Appropriate Technology for the World's People: Development	D5
HNRS-392	Appropriate Technology for the World's People: Design	F
HUM-350	The Global Environment	F
ISLA-330	Cal Poly Land: Nature, Technology, and Society	F
ISLA-350	The Global Environment	F
IT-330	Packaging Fundamentals	F
LA-204	Design Fundamentals III	
LA-220	Landscape Ecology: Concepts, Issues and Interrelationships	B5
LA-243	Materials and Techniques of Landscape Construction	
LA-403	Natural Environments Design Focus Studio	
LA-432	Landscape Ecology Applications (ILC)	
MATE-222	Materials Selection Life Cycle	
MATE-232	Materials, Ethics, and Society	
ME-320	Consumer Energy Guide	F

ME-488	Wind Energy Engineering	
MSCI-307	World Aquaculture: Applications, Methodologies and Trends	F
MSCI-428	Marine Conservation and Policy	
MSCI-439	Fisheries Science and Resource Management	
NR-141	Introduction to Forest Ecosystem Management	
NR-142	Environmental Management	
NR-311	Environmental Measurements and Interpretation	
NR-321	Water Systems Technology, Issues and Impacts	F
NR-323	Human Dimensions in Natural Resources Management	D5
NR-324	Social Dimensions of Sustainable Food and Fiber Systems	D5
NR-326	Natural Resources Economics and Valuation	
NR-365	Silviculture and Vegetation Management	
NR-465	Ecosystem Management	
PHIL-340	Environmental Ethics	C4
PHYS-310	Physics of Energy	
POLS-333	World Food Systems	F
PSC-201	Physical Oceanography	B5
PSC-320	Energy, Society and the Environment	F
PSC-391	Appropriate Technology for the World's People: Development	D5
PSC-392	Appropriate Technology for the World's People: Design	F
PSC-491	Appropriate Technology for the World's People: Development	
PSC-492	Appropriate Technology for the World's People: Design	
PSY-311	Environmental Psychology	D5
RPTA-313	Sustainability in Recreation, Parks, and Tourism	
RPTA-314	Sustainable Travel and Tourism Planning	
SCM-350	The Global Environment	F
SCM-360	Selected Environmental Issues of the California's Central Coast	F
SS-12120	Introductory Soil Science	B5
UNIV-330	Cal Poly Land: Nature, Technology, and Society	F
UNIV-333	World Food Systems	F
UNIV-350	The Global Environment	F
UNIV-391	Appropriate Technology for the World's People: Development	D5
UNIV-392	Appropriate Technology for the World's People: Design	F

Points of Pride



AASHE STARS Silver Rated University



The Climate Leadership Commitment



White House Pledge - Campuses Act on Climate Change

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MENU



MAPS



SEARCH

Sustainability Catalog

Home : Related Courses

Sustainability Related Courses

Cal Poly submitted its [AASHE STARS](#) certification application in February 2017. As part of the process STARS recognizes courses that focus on and include sustainability. This category covers “courses that are focused on a topic other than sustainability, but incorporate a unit or module on sustainability or a sustainability challenge, include one or more sustainability-focused activities, or integrate sustainability issues throughout the course.”[1] While reviewing courses for SUSCAT, it became clear that Cal Poly offers courses that don’t teach sustainability learning objectives sufficiently to appear as a SUSCAT sustainability course, but do teach elements of sustainability appropriate for the AASHE STARS category covering courses that include sustainability. Those courses appear below listed under the relative college:

COURSE	TITLE	GE CODE
--------	-------	---------

CAED

ARCH 101	Survey of Architectural Education and Practice	
----------	--	--

ARCH 242	Architectural Practice 2.2 Architectural Technology Fundamentals 2.2.	
----------	--	--

ARCH 351	Architectural Design 3.1	
----------	--------------------------	--

ARCH 241	Architectural Practice 2.1 Architectural Technology Fundamentals 2.1.	
----------	--	--

ARCH 252	Architectural Design 2.2	
----------	--------------------------	--

ARCE 106	Introduction to Building Systems Materials of Construction.	
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ARCH 251	Architectural Design 2.1	
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ARCH 352	Architectural Design 3.2	
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ARCH 353	Architectural Design 3.3	
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CRP 212	Introduction to Urban Planning	
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CRP 342	Environmental Planning Methods	
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CRP 404	Environmental Law	
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CRP 410	Community Planning Laboratory I	
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CRP 411	Community Planning Lab II	
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CRP 442	Housing and Planning	
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CRP 458	Local Hazard Mitigation Planning and Design	
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CRP 518	Policy Development	
---------	--------------------	--

EDES 123	Principles of Environmental Design	
----------	------------------------------------	--

LA 330	Cultural Landscapes: People, Places and Ethical Decisions	
--------	---	--

CAFES

ASCI 112	Principles of Animal Science	
----------	------------------------------	--

FSN 250	Food and Nutrition: Customs and Culture	
---------	---	--

NR 306	Natural Resource Ecology and Habitat Management	
--------	---	--

NR 416	Environmental Impact Analysis and Management	
--------	--	--

NR 425	Applied Resource Analysis and Assessment	
--------	--	--

NR 312	Technology of Wildland Fire Management	
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Course name changes

RPTA 302	Environmental and Wilderness Education
CENG	
BMED 213	Bioengineering Fundamentals
CE 321	Fundamentals of Transportation Engineering
CE 336	Water Resources Engineering
CE 424	Public Transportation
CE 523	Transportation Systems Planning
EE 413	Advanced Electronic Design
EE 520	Solar-Photovoltaic Systems Design
ENVE 325	Air Quality Engineering
ENVE 331	Introduction to Environmental Engineering
ENVE 436	Introduction to Solid and Hazardous Waste Management
ENVE 450	Industrial Pollution Prevention
ENVE 467	Senior Project Design Laboratory II
MATE 110	Introduction to Materials Engineering Design I
MATE 120	Introduction to Materials Engineering Design II
MATE 130	Introduction to Materials Engineering Design III
MATE 359	Living in a Material World
ME 415	Energy Conversion
ME 428	Senior Design Project I
ME 450	Solar Thermal Power Systems
SIE 510	Introduction to Systems
CLA	
ANT 345	Human Behavioral Ecology
ANT 402	Nutritional Anthropology
COMS 395	Science Communication
EDUC 512	Education Organization and Management
GEOG 150	Introduction to Cultural Geography
GEOG 250	Physical Geography
GEOG 414	Global and Regional Climatology
HIST 359	Living in a Material World
HIST 438	History of American Agriculture
PHIL 420	Philosophy of Biology
PSY 360	Applied Social Psychology
OCOB	
IT 341	Packaging Polymers and Processing

Note: The Resolution on Approving Assessment Process for Courses Meeting Sustainability Learning Objectives (AS-792-15) directs the Academic Senate Sustainability Committee (ASSC) to identify which courses to list on the Cal Poly Sustainability Catalog (SUSCAT) following the approved assessment process. **This webpage lists courses reviewed through February 2017 that include sustainability but do not yet meet the Academic Senate assessment criteria.**

[1] http://www.aashe.org/files/documents/STARS/2.0/STARS_2.1_credit_AC01_Academic_Courses.pdf

[2] <http://suscat.calpoly.edu/catalog/courses/>

[3] Resolution on Approving Assessment Process for Courses Meeting Sustainability Learning Objectives (AS-792-15), May 21, 2015, http://content-calpoly-edu.s3.amazonaws.com/academicsenate/1/Resolutions/2014-2015/AS-792-15_rev.pdf

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Academics

Green Campus Program

University Dining Sustainability

University Housing Sustainability

CAFES Center for Sustainability

Sustainable Commuting Options

Campus Wellbeing



Giving



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Academic Senate Sustainability Committee SUSCAT Evaluation Rubric Revisions proposed by JReich & Dianna Winslow April 30, 2019

Course Prefix & Number	Replace this cell with course Prefix & Number, e.g. "GEOG 301"
Course Title	Replace this cell with course Title, e.g. "Geography of Resource Utilization"
Course Description	Replace this cell with course catalog description, e.g. "A multicultural, world view of the interconnections of the following resource systems: food, energy, water, and non-fuel minerals. A pervading theme is the sustainability of these systems. 4 lectures. Prerequisite: Completion of GE Areas A, D3. Recommended: Junior standing. Fulfills GE D5 except for Social Sciences majors."
GE Area, if any	
Evaluator name:	
Evaluator User Name:	

Initial Assessment Based on Course Title & Description	Points Possible	Points Actual	
Yes, the course very likely achieves at least two of the four SLOs.	2		Enter score of 0-2
Maybe, the course might achieve one or more SLOs.	1		
No, the course doesn't seem to address the SLOs.	0		

Cal Poly defines sustainability as
the ability of natural and social systems to survive and thrive together to meet current and future needs.

Assessment Based on Course Proposal or Syllabus	Minimal Evidence Score = 0	Threshold Evidence Score = 1	Strong Evidence Score = 2 *	Superior Evidence Score = 3 **	Score	
SLO1: Students define and apply sustainability principles within their academic programs	Syllabus, schedule, assignments, do not mention ideas connected to this SLO	Syllabus, schedule, assignments, mentions ideas connected to this SLO	Syllabus, schedule, assignments, shows ideas connected to this SLO	Syllabus, schedule, assignments, show ideas connected to this SLO as a major course focus		Enter score 0-3 in cell F14
SLO2: Students explain how natural, economic, and social systems interact to foster or prevent sustainability	Syllabus, schedule, assignments, do not mention ideas connected to this SLO	Syllabus, schedule, assignments, mentions ideas connected to this SLO	Syllabus, schedule, assignments, shows ideas connected to this SLO	Syllabus, schedule, assignments, show ideas connected to this SLO as a major course focus		Enter score 0-3 in cell F15
SLO3: Students analyze and explain local, national, and global sustainability using a multidisciplinary approach	Syllabus, schedule, assignments, do not mention ideas connected to this SLO	Syllabus, schedule, assignments, mentions ideas connected to this SLO	Syllabus, schedule, assignments, shows ideas connected to this SLO	Syllabus, schedule, assignments, show ideas connected to this SLO as a major course focus		Enter score 0-3 in cell F16
SLO4: Students consider sustainability principles while developing personal and professional values	Syllabus, schedule, assignments, do not mention ideas connected to this SLO	Syllabus, schedule, assignments, mentions ideas connected to this SLO	Syllabus, schedule, assignments, shows ideas connected to this SLO	Syllabus, schedule, assignments, show ideas connected to this SLO as a major course focus		Enter score 0-3 in cell F17
Total Score (SLO 1 - SLO 4)					0	

20% or more of the course covers the SLOs.	Yes or No?		Enter yes or no in cell F19
Sustainability Focused Course (Score >=6 AND 20% or more sustainability)	Yes or No?		Enter yes or no in cell F20
Sustainability Related Course (Score >=1)	Yes or No?		Enter yes or no in cell F21
If course doesn't address the SLOs, could it?	Yes or No?		Enter yes or no in cell F22

Suggestion(s) how course might address one or more of the SLOs:

Other Comments:

* A score of 2 requires the syllabus to show SLO student outcomes AND mention the SLO.
 ** A score of 3 requires the syllabus to have the SLO as a major course focus AND show the SLO student outcomes AND mention the SLO.

[illegible]

Syllabus
doesn't
mention SLO

Syllabus shows
SLO student
outcomes

4

100

Syllabus
doesn't
mention SLO

Syllabus shows
SLO student
outcomes

1

11

100

Syllabus
doesn't
mention SLO

Syllabus shows
SLO student
outcomes

1

4

100

Syllabus
doesn't
mention SLO

Syllabus shows
SLO student
outcomes

1

11

100

Meeting Date: **June 4-11, 2019 via Email**

Minutes Recorded By: Jonathan Reich

Meeting Convened: **N.A.****ATTENDANCE:**

☒ **Bennett, Penny**, CLA/AssocDean, Admin (EO)
☒ **Braun, David**, ElecEngr Faculty CENG
☒ **Chiu, Yiwen**, NRES Faculty CAFES
☐ **Dumars, Jeffrey**, FacPIng VP/Adm&Fin Rep (EO)
☐ **Elliot, Dennis**, FacSvcs, VP/Adm&Fin Rep (EO)

☐ **Fernsler, Jonathan**, Physics Faculty CSM
☐ **Moore, Rob**, Student, ASI Rep (EO)
☒ **Peters, Jason**, English Faculty, CLA
☒ **Reich, Jonathan** (CH) Arch Faculty CAED
☒ **Kylee Singh**, Enrg&Sustain Admin(EO) (on leave)

☒ **Winslow, Dianna** CTLT VP Prog&PIng Rep (EO)
☐ **Vacant**, faculty, OCOB
☐ **Vacant**, PCS Rep (EO)
☐ **Vacant**, Student, ASI Rep (EO)

APOLOGIES:**GUESTS:**

QUORUM: Required attendance of committee for quorum is 7/12

Committee members present: **7**Quorum?: ☒ **Yes** ☐ **No****AGENDA:****1. Resolution for Academic Senate to endorse adding a SUSCAT filter to PASS.****History:***This item had been previously discussed and approved as a resolution by ASSC in 2016.**The proposal to add a SUSCAT filter to PASS was originally proposed by ASSC in 2016.**In Spring 2016 (three years ago!), a student team in JReich's EDES.408 class researched the idea, did some polling of students, and presented their findings publicly at the 2016 Cal Poly Sustainability Charrette. The proposal was universally approved by everyone at the sustainability charrette.**ASSC passed a resolution that Academic Senate should endorse adding the SUSCAT filter to PASS and submitted it to the Academic Senate.**The resolution was approved for the Academic Senate agenda but was then withdrawn by ASSC after ASSC Chair Braun had a meeting with registrar Cem Sunata who agreed that registrar's office could add the SUSCAT filter to PASS.**Cem Sunata stated he will take care of what the Registrar's office needed to do in terms of data entry and also submit the task to the ITS PASS team. The challenge was getting this task a high enough priority that ITS would actually do it. They had over 200 tasks on their plate awaiting prioritization and they never got it done.**At the Fall 2018 Academic Senate retreat, in his closing remarks, AS Chair Dustin Stegner spoke about the SUSCAT filter on PASS initiative as an example of Cal Poly's inability to get something done: that ASSC had worked very hard on, that no one objected to, and had been approved through the appropriate channels but has not happened.**Because nothing has happened to implement the SUSCAT filter on PASS, the ASSC passed the resolution again via an email vote and will submit it to the Academic Senate for their agenda.***HANDOUTS:**

- Proposed "RESOLUTION ON ADDING A SUSTAINABILITY CATALOG OPTION TO PASS (PLAN A STUDENT SCHEDULE)"

MEETING(s) ADJOURNED: June 11, 2019

ASSC Spring Quarter 2019 Meetings: (Meetings to be held in #05-201A)

- ~~2:10pm~~ Tues. April 16 — Braun, Dumars, Fernsler, Peters, Singh, Winslow, JReich (7)
- ~~2:10pm~~ Tues. April 30 — Braun, Dumars, Fernsler, Peters, Singh, Winslow, JReich (7)
- ~~3:10pm~~ Tues. May 14 — Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7)
- ~~3:10pm~~ Tues. May 21 — Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7) **Meeting canceled.**
- **All-Day Sustainability Charrette Thursday May 30 in PAC (with lunch!)**
- ~~3:10pm~~ Tues. June 4 — Braun, Chiu, Dumars, Fernsler, Peters, Winslow, JReich (7) **Meeting canceled.**
- **Email Meeting:** June 4 — 11 — Bennett, Braun, Chiu, Peters, Singh, Winslow, JReich (7)

Academic Senate Sustainability Committee 2018-2019: (Note the vacancies)

Name	Department	College/Unit	Office	email@calpoly.edu	Exp Term
Bennett, Penny	CLA/AssocDean	Admin	62408	pkbennet	EO (Acad.Dean)
Braun, David	Elec. Engrg	CENG	61464	dbraun	2020
Chiu, Yiwen	NRES	CAFES	62972	yichiu	2019
Dumars, Jeffrey	FacPIng	Admin	66588	jdumars	EO (Dir/FacPIng)
Elliot, Dennis	FacSrvcs/Enrg,Ut&Sustain	Admin	62090	delliot	EO (VP/Adm&Fin))
Fernsler, Jonathan	Physics	CSM	62438	jfernsl	2020
Moore, Rob	Student	ASI	61281	rmoore30	EO (ASI)
Peters, Jason	English	CLA	62862	jpeter65	2020
Reich, Jonathan (CH)	Arch	CAED	805-801-8848	jreich	2019
Singh, Kylee	Enrg,Ut&Sust	Admin	65397	klsingh	EO (Enrg,Ut&Sust)
Winslow, Dianna	CTLT	Admin	67526	dwinslo	EO (VP Acad Prog&PIng)
Vacant	-----	OCOB	-----	-----	2020
Vacant	-----	PCS	-----	-----	2019
Vacant,	Student	ASI	-----	-----	EO (ASI)

Cal Poly Sustainability Learning Objectives (“SLOs”):¹

Cal Poly defines sustainability as the ability of the natural and social systems to survive and thrive together to meet current and future needs.

In order to consider sustainability when making reasoned decisions, all graduating students should be able to:

- Define and apply sustainability principles within their academic programs
- Explain how natural, economic, and social systems interact to foster or prevent sustainability
- Analyze and explain local, national, and global sustainability using a multidisciplinary approach
- Consider sustainability principles while developing personal and professional values

Academic Senate Resolution 688-09 approved by President Baker June 22, 2009

ASSC Committee Charges for 2018-19:²

Responsibilities:

The Sustainability Committee shall inform and support the activities of other committees whose scope encompasses environmental responsibility. The Sustainability Committee shall make recommendations to the Academic Senate, as appropriate, regarding the provisions of the Talloires Declaration (AS-622-04) and the CSU Sustainability Policy.

Charges:

- Develop and pilot more SLOs assessments. Ongoing
- Respond to AS-787-14
 1. Review new courses in the 2017-2019 catalog for SUSCAT. Fall 2018
 2. Encourage faculty to teach sustainability in new and existing courses. Ongoing
 3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability. Ongoing
- Develop procedures to identify sustainability courses in catalog and on PASS. Fall 2018
- Respond to 2014 CSU Sustainability Policy directives. Ongoing
 1. “The CSU will seek to further integrate sustainability into the academic Curriculum working within the normal campus consultative process
 2. The CSU will develop employee and student workforce skills in the green jobs industry, prompt the development of sustainable products and services, and foster economic development.
- Support campus efforts to improve Cal Poly’s AASHE STARS certification credits. Ongoing
- Work with students to better integrate approaches to sustainability inside and outside the classroom curriculum. Ongoing
- Follow up the April 2017 Sustainability Charrette Action Items. Fall 2018
 1. Define a Cal Poly statement on sustainability and integrate into the hiring process
 2. Study how Cal Poly might implement a sustainability graduation requirement
 3. Define organization and responsibilities for a Cal Poly Office of Sustainability
- **Work with GEGB to develop sustainability pathways in GE.**

¹ www.academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo

² www.academicsenate.calpoly.edu/content/acadsen_comm/sustainability

³ <http://secondnature.org/wp-content/uploads/2015/09/Climate-Commitment-Second-Nature.pdf>

Adopted:

June 4-11, 2019
Passed by ASSC

**ACADEMIC SENATE
of
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, CA**

AS-__-19

**RESOLUTION ON ADDING A SUSTAINABILITY CATALOG OPTION TO
PASS (PLAN A STUDENT SCHEDULE)**

- 1 WHEREAS, Resolution AS-688-09 “Resolution on Sustainability Learning Objectives”, defines Cal
2 Poly’s Sustainability Learning Objectives; and
3
4 WHEREAS, Resolution AS-787-14 “Resolution on Sustainability”, directs the Academic Senate
5 Sustainability Committee to develop a list of classes based on a revised Senate accepted
6 assessment process that meet the Sustainability Learning Objectives; and
7
8 WHEREAS, Resolution AS-792-15 “Resolution on Approving Assessment Process for Courses
9 Meeting Sustainability Learning Objectives”, identifies the process used to identify
10 courses listed in the Sustainability Catalog (SUSCAT) now found online at
11 <http://suscat.calpoly.edu/>; and
12
13 WHEREAS, The Fall 2019 PASS webpage offers an option to “Show Fully Online Classes,”
14 although students do not have to take online classes to graduate; and
15
16 WHEREAS, The 2014 CSU Sustainability Policy states, “The CSU will seek to further integrate
17 sustainability into the academic curriculum working within the normal campus
18 consultative process;” and
19
20 WHEREAS, CSU and other campuses use systems to visually identify sustainability courses in their
21 course catalogs or online registration systems; and
22
23 WHEREAS, The Second Nature Climate Commitment and the AASHE/STARS programs include
24 curriculum components; therefore be it
25
26 RESOLVED: That the Academic Senate recommends adding to PASS (Plan a Student Schedule) a
27 “Show Sustainability Classes” option to the Select Course List tab on
28 <http://pass.calpoly.edu/main.html>. The attached mockup in Figure 1 shows what
29 students could see on a PASS screen.

Proposed by: Sustainability Committee

Date: June 4, 2019

Revised:

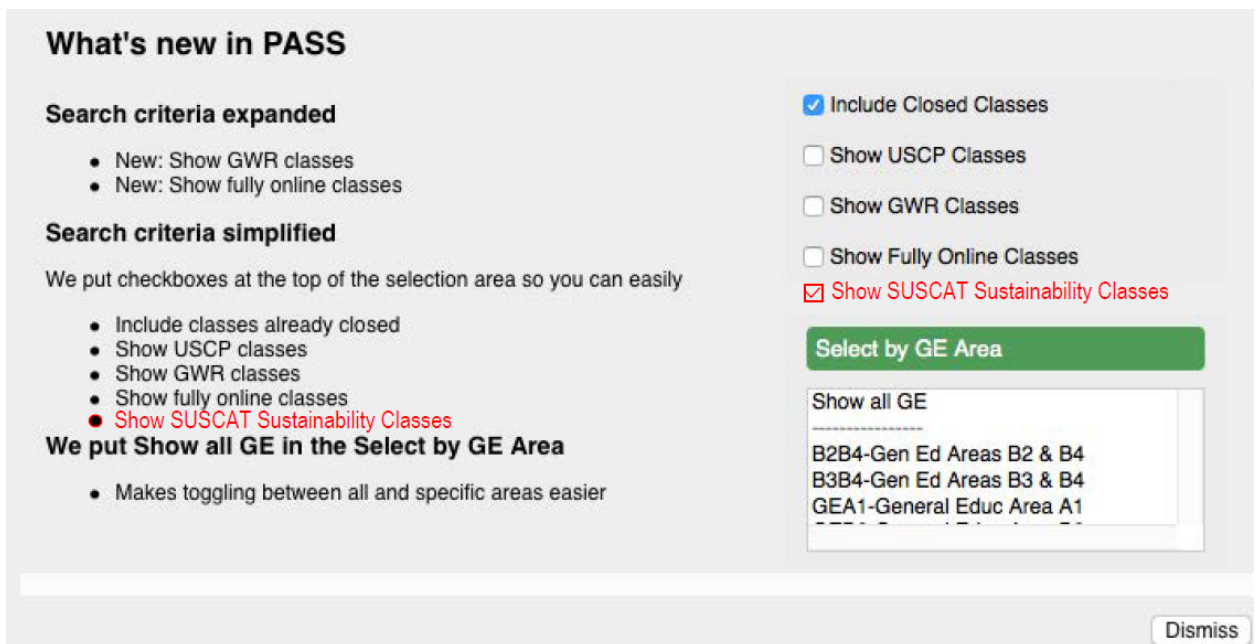


Figure 1—Concept showing how PASS could identify SUSCAT Classes.