

## ACADEMIC SENATE – Sustainability Committee

Fall 2020

Due: Thursday, December 10, 2020

MEMBERS	
Name	College/Unit
Bennett, Penny	Admin
Braun, David (CH)	CENG
Chiu, Yiwen	CAFES
Dumars, Jeffrey	Admin
Elliot, Dennis	Admin
Fernsler, Jonathan	CSM
Kathuria, Ajay	OCOB
Lee, Jennifer	ASI
Peters, Jason	CLA
Reich, Jonathan	CAED
Singh, Kylee	Admin
Springer, Hope	ASI
Winslow, Dianna	Admin
VACANT	PCS

CHARGES		
Charge	Complete?	Status/Notes
Identify sustainability courses. <b>Fall 2020</b>	<input checked="" type="checkbox"/>	In progress. See Sept. 22, Oct. 9, 20, Nov. 6 meeting minutes. New SUSCAT courses sent to AS Senate Consent Agenda. See list on pp. 4-6.
Develop guidelines to incorporate sustainability into faculty RPT processes. <b>AY 2020-21</b>	<input type="checkbox"/>	No progress. See Sept. 22 meeting minutes.
Work with students and dining services to source food from campus and other local sources. <b>AY 2020-21</b>	<input type="checkbox"/>	In progress. See Sept. 22, Nov. 6, 17 meeting minutes.
Work with students, WOW and AFD to improve recycling, composting and zero-waste WOW training. <b>AY 2020-21</b>	<input type="checkbox"/>	In progress. See Sept. 22 meeting minutes. This task requires coordination with the president's Sustainability Advisory Committee.
Draft a resolution on Second Nature Climate Commitment Target Date. <b>AY 2020-21</b>	<input checked="" type="checkbox"/>	Resolution written and sent to the Ex Comm. See Sept. 22, Oct. 9, 20, Nov. 6, 17 meeting minutes.

Respond to AS-787-14.		
1. Review new courses in the 2019-2020 and 2020-2021 catalogs for SUSCAT. <b>AY 2020-21</b>	<input checked="" type="checkbox"/>	1. In progress. See Sept. 22, Oct. 9, 20, Nov. 6 meeting minutes. New SUSCAT courses sent to AS Senate Consent Agenda. See list on pp. 4-6.
2. Encourage faculty to teach sustainability in new and existing courses. <b>AY 2020-21</b>	<input type="checkbox"/>	2. No progress.
3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability. <b>Ongoing</b>	<input type="checkbox"/>	3. No progress.
Develop and pilot more SLOs assessments. <b>Ongoing</b>	<input type="checkbox"/>	No progress.
Develop procedure to identify sustainability courses in the catalog and Schedule Builder. <b>Ongoing</b>	<input type="checkbox"/>	30, Feb. 11, 27, Mar. 10, Apr. 28, May 11, and May 26 meeting minutes plus the ASSC Winter 2020 quarterly report. The Senate passed resolution AS-887-20 during Winter 2020. The resolution still awaits implementation.
1. Use AASHE/STARS and other sustainability-related lists.		
improve Cal Poly's AASHE STARS certification credits.	<input type="checkbox"/>	The data collection and certification process submitted by Kylee Singh on Sept. 19, 2019 earned Cal Poly a gold rating. The full report appears here: <a href="https://reports.aashe.org/institutions/california-polytechnic-state-university-ca/report/">https://reports.aashe.org/institutions/california-polytechnic-state-university-ca/report/</a>
Respond to 2014 CSU Sustainability Policy directives. <b>Ongoing</b>	<input type="checkbox"/>	In progress. ASSC members participated in the GRLI (Globally Responsible Leadership Initiative) SDG Accord (The University and College Sector's Collective Response to the Sustainable Development Goals) survey by the national working group. See Nov. 6 minutes.
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, promote the development of sustainable products and services, and foster economic development."		
Work with students to better integrate approaches to sustainability inside and outside the classroom/curriculum. <b>Ongoing</b>	<input type="checkbox"/>	In progress. See Sept. 22, Nov. 6, 17 meeting minutes regarding collaborations with various student-led initiatives.

### **NOTES:**

The Committee met five times during Fall quarter. Above, please find a table summarizing the committee charges and progress made. Below, please find the detailed meeting minutes on pp. 9-18.

### **Report Appendices:**

New SUSCAT Courses Approved as of Fall 2020

Draft Resolution to Set Cal Poly's Carbon Neutrality Target Date

Meeting Minutes

p. 4-6

p. 7-8

p. 9-21

## SUSCAT Course Summary for Academic Senate Consent Agenda

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. The resolution also directs the ASSC to place SUSCAT course recommendations on the Academic Senate's Consent agenda. Assessments have taken place since 2015 to produce lists of Sustainability Focused and Sustainability Related courses. This memo lists only additional sustainability courses recommended for SUSCAT through October 2020, primarily courses new to the 2019-2020 and 2020-2021 catalogs.

Date: Nov. 6, 2020

### Fall 2020 Review – Sustainability Focused Courses

COURSES TO LIST ON SUSCAT AS SUSTAINABILITY FOCUSED COURSES		
Course Number	Title	GE Area
CAED		
LA 521	Ecological Urban Design	
CAFES		
AEPS 450	Current Issues in the Strawberry Industry	
NR 445	Systems Thinking in Environmental Management	
CENG		
MATE 485	Materials and the Environment	
ME 454	Benchmarking and Assessment of Building Energy Performance	
ME 455	Introduction to Building Energy Modeling	
CLA		
SOC 308	Sociology of the Environment	
SOC 423	Gender and Work	
COB		
ITP 411	Packaging Sustainability	
CSM		
MSCI 111	Introduction to Marine Biology	B2
PHYS 314	Ocean Dynamics	

## Fall 2020 Review – Sustainability Related Courses

COURSES TO LIST AS SUSTAINABILITY RELATED COURSES		
Course Number	Title	GE Area
CAED		
LA 520	Design with Cultural Landscapes	
CAFES		
AEPS 205	Orchard and Vegetable Enterprise Project	
AEPS 334	Greenhouse Vegetable Enterprise Project	
AEPS 420	Organic Crop Production Systems	
NR 422	Stream Measurements and Water Quality Monitoring	
CENG		
EE 460	Senior Project Preparation	
ENVE 490	Environmental Nanotechnology	
CLA		
GRC 437	Advanced Consumer Packaging	
COB		
ITP 341	Packaging Polymers and Processing	

## Fall 2020 Review

COURSES TO REMOVE FROM SUSCAT		
Course Number	Title	GE Area

Cal Poly submitted its first STARS certification application to AASHE during February 2017. The application identified sustainability courses according to the STARS criteria for sustainability courses and courses that include sustainability.[1] AASHE/STARS describes the sustainability courses as “courses for which the primary and explicit focus is on sustainability and/or understanding or solving one or more major sustainability challenge.” Cal Poly interpreted this description as applying to those courses listed in Cal Poly’s Sustainability Catalog (SUSCAT).[2] Cal Poly identified courses for SUSCAT following the assessment procedure approved by the Academic Senate.[3] Summarized briefly, the procedure scores each course according to a rubric. Courses scoring 6-12 points on the rubric that also devote at least 20% of the course to sustainability get recommended as SUSCAT sustainability courses. The new courses proposed for listing appear in the first table above titled “Fall 2020 Review – Sustainability Focused Courses.”

AASHE/STARS also recognizes courses that 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 in the second table above titled “Fall 2020 Review – Sustainability Related Courses.” The ASSC posts this list online at <https://suscat.calpoly.edu/courses-category>.

- [1] [http://www.aashe.org/files/documents/STARS/2.0/STARS\\_2.1\\_credit\\_AC01\\_Academic\\_Courses.pdf](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](http://content-calpoly-edu.s3.amazonaws.com/academicsenate/1/Resolutions/2014-2015/AS-792-15_rev.pdf)

Adopted:

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

**AS-\_\_\_\_-21**

**RESOLUTION TO SET CAL POLY'S CARBON NEUTRALITY TARGET DATE**

- WHEREAS, President Armstrong made Cal Poly a Charter Signatory to the Climate Leadership Commitment in 2016, establishing a goal for Cal Poly to achieve net zero carbon emissions from all sources as soon as possible (currently set for 2050); and
- WHEREAS, The United Nations Intergovernmental Panel on Climate Change (IPCC) has determined that we have less than ten years to make urgent and unprecedented changes to our carbon emissions to avoid the worst impacts of climate change; and
- WHEREAS, The Cal Poly Statement on Diversity seeks to develop awareness and empathy for global communities, including people who are from historically and societally marginalized and underrepresented groups; and
- WHEREAS, Failure to reduce carbon emissions will result in increased risk of devastating hurricanes, flooding, droughts, fire, and food scarcity for hundreds of millions of people, especially for marginalized and underrepresented global populations most vulnerable to the impacts of climate change; and
- WHEREAS, A 2050 target date arrives too late to prevent needless adverse impacts; and
- WHEREAS, The City of San Luis Obispo has set a Carbon Neutrality date of 2035; and
- WHEREAS, Cal Poly's carbon emissions link inextricably with the carbon emissions of the City of San Luis Obispo; and
- WHEREAS, The entire University of California system has set a target of 2025 for carbon neutrality, and at least six CSU campuses have all set goals for carbon neutrality by 2030 or sooner, all of which are consistent with the targets of the IPCC report on climate change; and
- WHEREAS, By accelerating the recommendations made in the Cal Poly Climate

Action Plan dated April 26, 2017, the campus can achieve Carbon  
Neutrality in 2030; therefore be it

RESOLVED: That the Academic Senate recommends Cal Poly adopts carbon neutrality  
by 2030 or sooner.

Proposed by: Sustainability Committee

Date: Nov. 17, 2020

Revised:



**ASSC Meeting Sept. 22, 2020 Zoom (1:10-2:00 pm)**  
**Fall Quarter Meeting Schedule:**

~~Tuesday, Sept. 22 (1:10 – 2 pm, Zoom)~~

Friday, Oct. 9 (2:10 – 3 pm, Zoom)

Tuesday, Oct. 20 (1:10 – 2 pm, Zoom)

Friday, Nov. 6 (2:10 – 3 pm, Zoom)

Tuesday, Nov. 17 (1:10 – 2 pm, Zoom)

**Committee Members (and designations)**

<b>Name</b>	<b>Dept.</b>	<b>College/Unit</b>	<b>Exp. Term/Other</b>	<b>Present</b>
Braun, David (Ch)	ElecEngr	CENG	2022	Y
Chiu, Yiwen	NRES	CAFES	2021	
Fernsler, Jonathan	Physics	CSM	2022	Y
Kathuria, Ajay	ITP	OCOB	2022	Y
Peters, Jason	English	CLA	2022	Y
Reich, Jonathan	Arch	CAED	2021	Y
Vacant		PCS	2021	
Bennett, Penny	CLA/AssocDean	Admin	Ex Officio (AcadDean)	
Elliot, Dennis	Fac. Serv.	Admin	Ex Officio (VP/Adm,Fin)	Y
Dumars, Jeffrey	FacPlang	Admin	EO (Dir/FacPlang)	
Lee, Jennifer	Student	ASI	Ex Officio (ASI)	Y
Singh, Kylee	Enrg&Sustain	Admin	EO (Dir/Engr,Ut&Sus)	Y
Springer, Hope	Student	ASI	Ex Officio (ASI)	Y
Winslow, Diana	CTLT	Admin	Ex Officio (VP/AcadProg&Plan)	

**Cal Poly Sustainability Learning Objectives:<sup>1</sup>**

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*

<sup>1</sup> [www.academicprograms.calpoly.edu/content/academicpolicies/sustainability\\_lo](http://www.academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo)

### ASSC Committee Charges for 2020-21:<sup>2</sup>

- Develop and pilot more SLOs assessments.
- Respond to AS-787-14
  1. Review new courses in the 2019-2020, 2020-2021 catalogs for SUSCAT. **AY 2020-2021**
  2. Encourage faculty to teach sustainability in new and existing courses. **AY 2020-2021**
  3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability. **Ongoing**
- Develop procedure to identify sustainability courses in the catalog and Schedule Builder. **Ongoing**
  - [Use AASHE/STARS sustainability focused and sustainability related lists.](#)
- 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, promote the development of sustainable products and services, and foster economic development."
- Support campus efforts to improve Cal Poly's AASHE STARS certification credits. **Ongoing**
- Develop guidelines to incorporate sustainability into Faculty RPT processes. **New**
- Work with students to better integrate approaches to sustainability inside and outside the classroom/curriculum. **Ongoing**
- Work with students and dining services to source food from campus and local sources. **New**
- Work with students, WOW, and AFD to improve recycling/composting/zero waste WOW training. **New**
- Resolution on Second Nature Climate Commitment Target Date. **AY 2020-2021**
- Identify sustainability courses. **Summer, Fall 2020**

The meeting convened at 1:10 p.m.

1. The committee introduced themselves and reviewed the summer committee activities. The ASSC welcomes two new ASI representatives, Jennifer Lee, the ASI Sec'y of Well Being and Hope Springer, the ASI Sec'y of Sustainability. The ASSC welcomes a new OCOB representative, Ajay Kathuria
2. While reviewing the committee charges, members volunteered for various tasks.
  - A) Discussion took place on the Resolution on Second Nature Climate Commitment Target Date. Dennis Elliot explained that the CESA tool almost done with phase 2, and it has funding through phase 2. His department is running early scenarios and fine tuning the tool. Since Eric Veium is now in grad school, facilities hopes to recruit his replacement. It might prove useful to wait until we have more numbers from the model in support of the business plan before submitting the resolution. Dennis Elliot plans to demo the tool during our Oct. 9 meeting. Braun & Jonathan Fernsler plan to help Dennis draft the resolution.
  - B) Discussion took place about reviewing the 2019-2020 and 2020-2021 catalog new courses for SUSCAT. Braun plans to distribute the new course lists to the college representatives for them to complete their reviews. Jay Peters offered to seek earlier CLA courses to list in SUSCAT.

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<sup>2</sup> [www.academicssenate.calpoly.edu/content/acadsen\\_comm/sustainability](http://www.academicssenate.calpoly.edu/content/acadsen_comm/sustainability)

- C) Discussion took place regarding identifying sustainability courses in the catalog and Schedule Builder.
  - D) Jonathan Fernsler volunteered to help Braun develop guidelines to incorporate sustainability into Faculty RPT processes.
  - E) Jennifer Lee, Ajay Kathuria, and Kylee Singh plan to meet with Anastasia Nicole to improve recycling/composting/zero waste WOW training. Previous EDES project results may offer good guidance to consider.
  - F) Regarding the work with students and dining services to source food from campus and local sources, discussion took place about whether this aligns better with the SAC tasks. The ASSC members interested in this project also sit on the SAC, so they can bring the project to both committees. Kaitlyn Gibbons & Kelsey McCourt are stakeholders.
3. Discussion took place on new business:
- a. For acknowledging and changing structural and systemic racism, Kylee Singh announced the Nat'l Sustainability Month events on October 5 and 14 from 12-1. They have three speakers. Mustafa Ali Santiago, Lea Thomas, X Martinez, & more. See <https://csusustainabilitymonth.eventbrite.com>. The events look at intersections between climate change and justice and how to break down barriers.
  - b. Should we introduce the ASSC to the new Provost, for example by writing a nice letter? Braun and Kylee Singh agreed to write a draft.

The meeting adjourned at 2:01 p.m.

**Attachments:**

None

**ASSC Meeting Oct 9, 2020 Zoom (2:10-3:00 pm)**  
**Fall Quarter Meeting Schedule:**

~~Tuesday, Sept. 22 (1:10 – 2 pm, Zoom)~~

~~Friday, Oct. 9 (2:10 – 3 pm, Zoom)~~

Tuesday, Oct. 20 (1:10 – 2 pm, Zoom)

Friday, Nov. 6 (2:10 – 3 pm, Zoom)

Tuesday, Nov. 17 (1:10 – 2 pm, Zoom)

**Committee Members (and designations)**

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Kathuria, Ajay	ITP	OCOB	2022	
Peters, Jason	English	CLA	2022	Y
Reich, Jonathan	Arch	CAED	2021	
Vacant		PCS	2021	
Bennett, Penny	CLA/AssocDean	Admin	Ex Officio (AcadDean)	
Elliot, Dennis	Fac. Serv.	Admin	Ex Officio (VP/Adm,Fin)	
Dumars, Jeffrey	FacPlang	Admin	EO (Dir/FacPlang)	
Lee, Jennifer	Student	ASI	Ex Officio (ASI)	Y
Singh, Kylee	Enrg&Sustain	Admin	EO (Dir/Engr,Ut&Sus)	Y
Springer, Hope	Student	ASI	Ex Officio (ASI)	Y
Winslow, Diana	CTLT	Admin	Ex Officio (VP/AcadProg&Plan)	Y
Eric Veium	Fac. Serv.		Guest	Y

**Cal Poly Sustainability Learning Objectives:<sup>1</sup>**

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- Develop and pilot more SLOs assessments.
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- Develop procedure to identify sustainability courses in the catalog and Schedule Builder. **Ongoing**
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- 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.
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- Support campus efforts to improve Cal Poly's AASHE STARS certification credits. **Ongoing**
- Develop guidelines to incorporate sustainability into Faculty RPT processes. **New**
- Work with students to better integrate approaches to sustainability inside and outside the classroom/curriculum. **Ongoing**
- Work with students and dining services to source food from campus and local sources. **New**
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- Resolution on Second Nature Climate Commitment Target Date. **AY 2020-2021**
- Identify sustainability courses. **Summer, Fall 2020**

The meeting convened at 2:10 p.m.

1. Eric Veium presented the CESA (Climate and Energy Scenario Analysis Tool).

The Zoom presentation recording appears online:

[https://calpoly.zoom.us/rec/share/1C9Ja-PjR6j\\_6dXHQxynXEXwZN2aSEG6PpE4EqTozEcSs95gsCVeq1bsTwO5KRIf.3jLOGVuRGKKiWXjp](https://calpoly.zoom.us/rec/share/1C9Ja-PjR6j_6dXHQxynXEXwZN2aSEG6PpE4EqTozEcSs95gsCVeq1bsTwO5KRIf.3jLOGVuRGKKiWXjp)  
Access Passcode: #@!kV9JC

The model can define a variety of projects and model the GHG projections out to 2055. Phase II has EIS data. It currently doesn't cover electrification, so it assumes natural gas for heating. Scope 1 includes onsite natural gas emissions. With minimal behavior modifications, facilities can mitigate approximately 17 MT of the 37 MT total emissions as of 2035. This leave approximately 20 MT, which would require additional programs, electrification, transportation changes, behavior modifications, and additional offsets.

2. College representatives continue to review courses for SUSCAT.
3. The committee approved the Minutes from the Sept. 22 meeting.

The meeting adjourned at 3:00 p.m.

### Attachments:

None

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- Work with students and dining services to source food from campus and local sources. **New**
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- Resolution on Second Nature Climate Commitment Target Date. **AY 2020-2021**
- Identify sustainability courses. **Summer, Fall 2020**

The meeting convened at 1:15 p.m.

1. The committee approved the minutes from the Oct. 9 meeting.
2. Discussion took place regarding approving the list of new SUSCAT focused and related courses.

Discussion took place regarding the language in the SLOs and the SLO course assessment rubric. The list of sustainability focused and related courses received approval without objection. The committee directed Jonathan Fernsler and Braun to complete the CSM course review. A suggestion arose to ask college representatives to review the current SUSCAT courses posted on <https://suscat.calpoly.edu/> to confirm that all the courses still appear in the catalog.

3. Finalize wording on Carbon Neutrality Date Resolution.

Dennis Elliot suggests a carbon neutrality date of 2035 instead of 2030 in order to align with the city of SLO and increase the chance of success. He plans to make edits to the current draft. Braun does the next round, and Jonathan Fernsler can do a round of edits after Nov. 1.

The meeting adjourned at 1:59 p.m.

### Attachments:

ASSC SUSCAT Course Memo for AS Consent Agenda Nov 2020 V1.docx

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<sup>2</sup> [www.academicssenate.calpoly.edu/content/acadsen\\_comm/sustainability](https://www.academicssenate.calpoly.edu/content/acadsen_comm/sustainability)

**ASSC Meeting Nov 6, 2020 Zoom (2:10-3:00 pm)**  
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Friday, Nov. 6 (2:10 – 3 pm, Zoom)

Tuesday, Nov. 17 (1:10 – 2 pm, Zoom)

**Committee Members (and designations)**

<b>Name</b>	<b>Dept.</b>	<b>College/Unit</b>	<b>Exp. Term/Other</b>	<b>Present</b>
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Bennett, Penny	CLA/AssocDean	Admin	Ex Officio (AcadDean)	
Elliot, Dennis	Fac. Serv.	Admin	Ex Officio (VP/Adm,Fin)	Y
Dumars, Jeffrey	FacPlang	Admin	EO (Dir/FacPlang)	
Lee, Jennifer	Student	ASI	Ex Officio (ASI)	
Singh, Kylee	Enrg&Sustain	Admin	EO (Dir/Engr,Ut&Sus)	Y
Springer, Hope	Student	ASI	Ex Officio (ASI)	Y
Winslow, Diana	CTLT	Admin	Ex Officio (VP/AcadProg&Plan)	

**Cal Poly Sustainability Learning Objectives:<sup>1</sup>**

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*

<sup>1</sup> [www.academicprograms.calpoly.edu/content/academicpolicies/sustainability\\_lo](http://www.academicprograms.calpoly.edu/content/academicpolicies/sustainability_lo)



### ASSC Committee Charges for 2020-21:<sup>2</sup>

- Develop and pilot more SLOs assessments.
- Respond to AS-787-14
  1. Review new courses in the 2019-2020, 2020-2021 catalogs for SUSCAT. **AY 2020-2021**
  2. Encourage faculty to teach sustainability in new and existing courses. **AY 2020-2021**
  3. Work with the CTLT to provide support for faculty seeking to teach classes involving sustainability. **Ongoing**
- Develop procedure to identify sustainability courses in the catalog and Schedule Builder. **Ongoing**
  - Use AASHE/STARS sustainability focused and sustainability related lists.
- 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, promote the development of sustainable products and services, and foster economic development."
- Support campus efforts to improve Cal Poly's AASHE STARS certification credits. **Ongoing**
- Develop guidelines to incorporate sustainability into Faculty RPT processes. **New**
- Work with students to better integrate approaches to sustainability inside and outside the classroom/curriculum. **Ongoing**
- Work with students and dining services to source food from campus and local sources. **New**
- Work with students, WOW, and AFD to improve recycling/composting/zero waste WOW training. **New**
- Resolution on Second Nature Climate Commitment Target Date. **AY 2020-2021**
- Identify sustainability courses. **Summer, Fall 2020**

The meeting convened at 2:12 p.m.

1. The committee approved the minutes from the Oct. 20 meeting without objection.
2. The committee approved the AS memo with new SUSCAT focused and related courses without objection.
3. Discussion took place on finalize wording on the Carbon Neutrality Date Resolution. Jay Peters has some edits to work on after the meeting. Discussion took place on potential concerns about how much carbon neutrality programs would cost and how to convince stakeholders that spending earlier would likely avoid greater costs later.
4. Discussion took place about the GRLI (Globally Responsible Leadership Initiative) SDG Accord (The University and College Sector's Collective Response to the Sustainable Development Goals). This national working group has a survey about infusing sustainability into curricula. Kylee Singh encouraged ASSC members to take the survey: <https://thegrli.typeform.com/to/BN7ogLc5>

GRLI seeks faculty participants in the working group, and several ASSC member expressed interest in volunteering.

4. Work in Progress:
  - a. Work with students and dining services to source food from campus and local sources.

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<sup>2</sup> [www.academicsenate.calpoly.edu/content/acadsen\\_comm/sustainability](http://www.academicsenate.calpoly.edu/content/acadsen_comm/sustainability)

Discussion took place about recent progress. The organic farm harvested 40 pounds of kale for Cal Poly campus dining. Could the organic farm use the STARS data to make an economic case to supply crops to campus dining? See <https://reports.aashe.org/institutions/california-polytechnic-state-university-ca/report/2019-09-19/OP/food-dining/OP-7/>

A meeting is planned to discuss food and sustainable utensils with dining services stakeholders.

b. Draft letter to Provost

Dennis Elliot offered to share his email to the provost candidates during their virtual interview visits.

5. Kylee Singh announced that Cal Poly is a finalists for an AASHE Campus Sustainability Achievement Award for the Gold Tree Solar Farm.  
<http://aashe.informz.net/z/cjUucD9taT0zMTM1MTg2JnA9MSZ1PTM4NjE2OTg2NyZsaT0yNjQ5MzQyMw/index.html>  
<https://hub.aashe.org/browse/casestudy/23268/Gold-Tree-Solar-Farm-Innovatively-Advancing-the-Academic-Mission>

The meeting adjourned at 3:01 p.m.

**Attachments:**

ASSC SUSCAT Course Memo for AS Consent Agenda Nov 2020 V1.docx  
res\_CarbonNeutralDateV7.docx

**ASSC Meeting Nov 17, 2020 Zoom (1:10-2:00 pm)**  
**Fall Quarter Meeting Schedule:**

~~Tuesday, Sept. 22 (1:10 – 2 pm, Zoom)~~  
~~Friday, Oct. 9 (2:10 – 3 pm, Zoom)~~  
~~Tuesday, Oct. 20 (1:10 – 2 pm, Zoom)~~  
~~Friday, Nov. 6 (2:10 – 3 pm, Zoom)~~  
 Tuesday, Nov. 17 (1:10 – 2 pm, Zoom)

**Committee Members (and designations)**

<b>Name</b>	<b>Dept.</b>	<b>College/Unit</b>	<b>Exp. Term/Other</b>	<b>Present</b>
Braun, David (Ch)	ElecEngr	CENG	2022	Y
Chiu, Yiwen	NRES	CAFES	2021	
Fernsler, Jonathan	Physics	CSM	2022	Y
Kathuria, Ajay	ITP	OCOB	2022	Y
Peters, Jason	English	CLA	2022	Y
Reich, Jonathan	Arch	CAED	2021	
Vacant		PCS	2021	
Bennett, Penny	CLA/AssocDean	Admin	Ex Officio (AcadDean)	
Elliot, Dennis	Fac. Serv.	Admin	Ex Officio (VP/Adm,Fin)	Y
Dumars, Jeffrey	FacPlang	Admin	EO (Dir/FacPlang)	
Lee, Jennifer	Student	ASI	Ex Officio (ASI)	Y
Singh, Kylee	Enrg&Sustain	Admin	EO (Dir/Engr,Ut&Sus)	Y
Springer, Hope	Student	ASI	Ex Officio (ASI)	Y
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The meeting convened at 1:23 p.m.

1. The committee approved the minutes from the Nov. 6 meeting.
2. Discussion took place regarding the Carbon Neutrality Date Resolution.  
The committee considered the SLO City Carbon Neutrality Resolution:  
<https://www.slocity.org/home/showdocument?id=27869>  
Discussion included Cal Poly's 7% ROI (return on investment) for energy efficiency programs, a better investment than many other financial instruments available to the university.  
Motion: *forward to the AS ExComm to agendize.*  
M/S/P without objection
3. Discussion took place about whether Cal Poly should adopt a University Air-Travel Carbon Offset Policy.  
For reference, see:  
<https://secondnature.org/wp-content/uploads/Cal-State-East-Bay-Case-Study-Rev2.pdf>  
The committee directed Braun to draft a resolution.
4. Discussion took place regarding the efforts to source food from campus and local sources.  
A campus dining panel took place on Nov. 16. Campus dining is willing to use their produce, if the Organic Farm can supply a steady stream of crops.

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5. In response to the announcement of Hunter Francis' retirement, the committee expressed great appreciation for his years of service.
6. The committee notes the \$5M gift to CAFES from Grimmway Farms  
[https://calpolynews.calpoly.edu/news\\_releases/2020/november/grimmway](https://calpolynews.calpoly.edu/news_releases/2020/november/grimmway)

The meeting adjourned at 2:01 p.m.

**Attachments:**

res\_CarbonNeutralDateV9.docx