

Climate Academic Steering Committee
Year-End Report 2007-2008

The Climate Academic Steering Committee (CASC) first met on November 27, 2007 to receive a charge from Provost Coultrap-McQuin. The committee met in December and began developing short and long-range plans.

The first charge/goal called for an audit of existing academic classes to ascertain the level of sustainability-related content currently being taught. The committee used direct contacts with faculty and a filtered search of course catalog descriptions. The resulting data (summary attached) will be the basis of discussions with the Provost in fall 2008.

The curriculum audit revealed that many courses touch on topics that fall within the following areas as defined by the committee: climate change (38 courses); sustainability (14 courses); energy issues (14 courses); authentic learning that focuses on climate and sustainability issues (18 courses); sustainable academic classroom activities and procedures (19 courses).

The second charge/goal called on CASC to advocate for greater attention to curricular and co-curricular aspects of climate change/sustainability. Critical success indicators related to this goal include:

- participation in the SUNY and Sustainability Transformational Opportunities Conference held in Saratoga Springs in November, 2007. Attendees included Michael Ameigh, Jerry DeSantis, Lanny Karns, Tom Kubicki and George Stooks;
- participation by a number of CASC members in the *Focus the Nation* discussions held on Campus in February, 2008;
- SUNY Oswego Technology Education faculty and student participation in the Electrathon Vehicle Challenge in May, 2008;
- participation by SUNY Oswego pre-service teaching candidates in the New York State Energy Research and Development Authority (NYSERDA) Energy Smart Schools training;
- CASC members adopted sustainable teaching practices in their classrooms as role models for other faculty and the students;
- Consideration is being given to changing guidelines for various faculty and student grant applications to encourage proposals that address climate change and/or sustainability.

The Committee looks forward to continuing its work on sustainability initiatives throughout the division of Academic Affairs in the coming academic year. We thank the Provost for taking the lead in moving forward on addressing this critical issue for our institution and the greater community.

Respectfully Submitted:
Thomas Kubicki, CASC Chair

	Adol. Edu.	Anthropology	Art	Biology	Chemistry	C & I	Earth Science	Economics	Education	Geography	Geology	Health Science	History	Library	Management	Marketing	Masters of Business	Meteorology	Oceanography	Philosophy	Physics	Pol Science	Technology	Technology Ed	VTP	Zoology	Totals
<i>CASC Curricular Topics Results</i>																											
Climate Issues																											
Including, but not limited to:																											
Controversy Regarding Climate Change																											
Specific Climate Changes																											
Environmental Impacts																											
Geo-Political Impacts																											
Personal Impacts																											
	0	5	1	4	6	1	1	1	1	1	3	1	0	1	1	0	0	1	1	1	1	0	3	2	1	1	38
Sustainability																											
Including, but not limited to:																											
What does sustainability mean																											
What does sustainability look like																											
Resource allocation and conservation																											
Going "Green"																											
	0	3	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	6	2	1	0	14
Energy																											
Including, but not limited to:																											
Nonrenewable																											
Renewable																											
National/Global Supplies																											
Conservation																											
Alternatives																											
Impacts of Energy useage																											
Governmental Policies																											
Geo-Political Issues																											
	0	0	0	0	1	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	1	1	3	2	1	1	14
Authentic Learning																											
Including, but not limited to:																											
Engaging in Climate Change																											
Engaging in Sustainability																											
Service Learning																											
Internships																											
Independent Research/Study																											
	1	1	1	2	2	0	1	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3	2	1	1	18
Sustainable Academic Classrooms																											
Including, but not limited to:																											
Instructional practices																											
Student practices																											
Institutional practices																											
	1	0	1	1	2	0	1	1	0	0	3	0	0	1	0	0	0	0	0	0	0	0	4	2	1	1	19