



Office of Residence Life Sustainability Plan

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Introduction

One of the main job responsibilities of the Director of Residence Life/Assistant Dean for Student Affairs is to contribute to the college's commitment to sustainability by preparing and executing sustainability plans at the direction of the President. This plan outlines the office of residence life immediate future and further sustainability goals in residence life at Unity College.

Assessment

2010-2011 Objective	Results	2011-2012 Objective
Sustainability should continue to be an intended administrative objective for residence life in 2010-2011.	Sustainability continues to be an intended administrative objective in the office of residence life assessment report in 2010-2011	Sustainability should continue to be an intended administrative objective for residence life in 2011-2012.

Webpage

2010-2011 Objective	Results	2011-2012 Objective
Residence Life should continue to maintain and update its sustainability web page in 2010-2011.	Residence Life continues to maintain and update its sustainability web page	Residence Life should continue to maintain and update its sustainability web page in 2011-2012.

New Residence Hall

2010-2011 Objective	Results	2011-2012 Objective
Explore the possibility of a new sustainable residence hall.	<p>The Director of Residence Life was an active member of the new residence hall committee which developed TerraHaus, a 10 person Apartment-style Passive House residence opening Fall 2011.</p> <p>Terrahaus, Unity's first student Passive House residence is a two-story cottage with ten bed spaces divided into four double rooms and two singles rooms. The first floor consists of the common areas, which are an open plan with a kitchen/dining/living area in the center with a single bedroom, double bedroom, mud room and bathroom surrounding. The second floor has the remaining three double bedrooms, a single bed room and a bathroom.</p>	The Director of Residence Life should look to apply some of sustainable concepts developed in the new residence hall design to future housing projects on campus especially in Maplewood II and TerraHaus II and III.

	<p>The energy specifications of TerraHaus are pretty impressive. The walls of the building have a R50 value, roof R80, floor R70 and the windows a R8. TerraHaus is designed to use about 186 Btu per hour compared to 11,000 Btu per hour a normal similar size building would use. This comes out to about 14 Btu per square foot per year. After the passive energy gains, the building's remaining heat needs will be met with electric heat with an annual cost of \$335.</p> <p>The passive energy for the house is sunlight. The building has huge two-story windows which are situated so that they get the maximum sunlight in the winter. The roof overhang is designed so that the solar gain is much less in the summer, as one of the biggest challenges is that the building gets too hot in the summer. By situating the building to take advantage of the change in the angle of sunlight from summer to winter, the building stays cooler in the summer but still is able to provide nearly all of the heat needed even in the winter.</p> <p>Residents of the TerraHaus are expected to live an energy-efficient lifestyle and will work with the Director of Residence Life and the Sustainability Coordinator to fulfill the program goals of the TerraHaus – namely, those related to building energy performance, sustainability education, and public engagement.</p> <ul style="list-style-type: none">● Building Energy Performance: Residents of the TerraHaus are expected to be knowledgeable of the building's energy performance and able to explain its systems to visitors and community members. TerraHaus residents will consider carefully how their daily behavior impacts energy performance of the residence.● Sustainability Education: Residents may be asked to host overnight prospective students who are interested in the College's sustainability programs.● Public Engagement: Residents of the TerraHaus are expected to maintain the common rooms in a presentable manner for visiting classes, visitors, and other guests of the College. The TerraHaus will be open for tours during Admissions open houses, previews and new student experience. The College will notify the residents of pending visitors at	
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Professional Development

2010-2011 Objective	Results	2011-2012 Objective
<p>The Director of Residence Life should look for Professional Development opportunities in the area of sustainability</p>	<p>The Director of Residence Life continues to be the sustainability knowledge community coordinator for NASPA region one Advisory Board.</p>	<p>The Director of Residence Life should continue to look for Professional Development opportunities in the area of sustainability</p>
	<p>The Director of Residence Life attended several sessions on housing and sustainability at the 2010 NEACUHO conference.</p>	
	<p>The Director of Residence Life article “Take Back the Tap: Bring Sustainability to a First Year Experience Course” was published in the NASPA national sustainability Newsletter.</p>	
	<p>The Director of Residence Life article “Defining Sustainability” was published in the NASPA region I Newsletter.</p>	
	<p>The Director of Residence Life presented at the NASPA region one Fall conference with the Coordinator of Sustainability. The presentation was entitled “You Can’t Manage What You Don’t Measure” and was well received.</p>	
	<p>The Director of Residence Life article “Unity Student Passive House: Transforming the Approach to Student Housing” was published in the NASPA region I Newsletter.</p>	

Recycling

2010-2011 Objective	Results	2011-2012 Objective
Residence life should continue to look for opportunities to expand recycling efforts in the residences.	While Residence Life looked for opportunities to expand recycling; no additional opportunities were identified in 2010-2011. Residents continued in 2010-2011 to recycle paper, bottles, glass, metal, and cardboard.	Residence life should continue to look for opportunities to expand recycling efforts in the residences.
Residence life should continue to look for opportunities to encourage residents to increase their recycling.	Residence life continues to look for opportunities to encourage residents to increase their recycling.	Residence life should continue to look for opportunities to encourage residents to increase their recycling.

Signage

2010-2011 Objective	Results	2011-2012 Objective
In 2010-2011 The Director of Residence Life should work with the sustainability coordinator for assistance on signage in the residences that would help educate residents and visitors of the green and sustainable aspects of each residence hall.	The Sustainability Coordinator helped the Director of Residence Life develop signage for each residence hall that educated residents and visitors of the green and sustainable aspects of each residence hall.	The Director of Residence Life should continue to work with the Sustainability Coordinator on sustainability signage in the residence halls.

Education

2010-2011 Objective	Results	2011-2012 Objective
Have Environmental/Conservation/Sustainable themed educational bulletin boards in the residence halls in the month of April.	Resident Advisors put up Environmental/Conservation/Sustainable themed educational bulletin boards in the residence halls in the month of April that affected 173 residents.	Resident Advisors in April 2012 should again create Environmental/Conservation/Sustainable themed educational bulletin boards in the residence halls
In 2010-2011 The Director of Residence Life should request assistance from the Director of Sustainability to create residential hallway educational displays on sustainability.	In 2010-2011 Students from the office of Sustainability worked with residence life to create residential hallway educational displays on sustainability.	In 2011-2012 Residence Life should again work with students from the office of Sustainability to create residential hallway educational displays on sustainability.

Paint

2010-2011 Objective	Results	2011-2012 Objective
In 2010-2011 The Director of Residence Life should encourage maintenance to rededicate \$26,000.00 to convert one residence hall to environmental green paint.	The Director of Residence Life did encourage maintenance to rededicate \$26,000.00 to paint Eastview as well as an additional \$26,000.00 to paint Wood Hall but there is not enough residential renovation funding for these projects for Summer 2011.	In 2011-2012 The Director of Residence Life should again encourage maintenance to rededicate \$26,000.00 to convert one residence hall to environmental green paint.

Furniture

2010-2011 Objective	Results	2011-2012 Objective
Purchase environmentally timbered furniture residence halls.	In Summer 2010 Maintenance purchased 25 chairs, 25 lofting systems, 25 desks, 25 dressers, all of which are environmentally timbered.	In 2010-2011 the College should continue to purchase environmentally timbered furniture. Maintenance has already order 10 desk chairs, 10 Desks, 10 beds frames, 10 mattresses, dining room table, 4 chairs, 4 bar stools, 1 sofa, 2 lounge chairs that are environmentally timbered that will arrive in August 2011 for the new TerraHaus residence hall.
The Director of Residence life in 2010-2011 should make sure that documentation on how the residential furniture is environmental timbers is maintained on the residence life sustainability web page .	The Director of Residence life made sure that documentation on how the residential furniture is environmental timbers is maintained on the residence life sustainability web page .	The Director of Residence life in 2011-2012 should make sure that documentation on how the residential furniture is environmental timbers is maintained on the residence life sustainability web page .

Cianchette

2010-2011 Objective	Results	2011-2012 Objective
<p>Summer 2010 Convert heating systems of sections Red to that of Gold and measure in 2010-2011 the savings of energy compared to 2009-2010 rates</p> <p>Summer 2011 Convert heating systems of sections Red to that of Gold and measure in 2011-2012 the savings of energy compared to 2010-2011 rates</p> <p>Summer 2012 Convert heating systems of sections Blue that of Gold and measure in 2012-2013 the savings of energy compared to 2011-2012 rates</p>	<p>The heating system of section Green was not converted to that of Gold in summer 2010. It is also not scheduled for conversion for summer 2011 due to lack of funding.</p>	<p>In 2011-2012 Residence Life should work with Sustainability and Maintenance on the following:</p> <p>Summer 2012 Convert heating systems of sections Red to that of Gold and measure in 2012-2013 the savings of energy compared to 20011-2012 rates</p> <p>Summer 2013 Convert heating systems of sections Red to that of Gold and measure in 2013-2014 the savings of energy compared to 2012-2013 rates</p> <p>Summer 2014 Convert heating systems of sections Blue that of Gold and measure in 2014-2015 the savings of energy compared to 2013-2014 rates</p>

Maplewood

2010-2011 Objective	Results	2011-2012 Objective
<p>Maintenance, Sustainability, and Residence Life should continue to look for ways to improve the sustainability of the Maplewood residence Hall.</p>	<p>Ways to improve the sustainability of the Maplewood residence hall were looked for but none were identified.</p>	<p>Maintenance, Sustainability, and Residence Life should continue to look for ways to improve the sustainability of the Maplewood residence Hall.</p>

Eastview

2010-2011 Objective	Results	2011-2012 Objective
<p>Maintenance, Sustainability, and Residence Life should continue to look for ways to improve the sustainability of the Eastview residence Hall.</p>	<p>Ways to improve the sustainability of the Eastview residence hall were looked for but none were identified.</p>	<p>Maintenance, Sustainability, and Residence Life should continue to look for ways to improve the sustainability of the Eastview residence Hall.</p>

Westview

2010-2011 Objective	Results	2011-2012 Objective
Maintenance, Sustainability, and Residence Life should continue to look for ways to improve the sustainability of the Westview residence Hall.	Ways to improve the sustainability of the Westview residence hall were looked for but none were identified.	Maintenance, Sustainability, and Residence Life should continue to look for ways to improve the sustainability of the Westview residence Hall.

Wood Hall

2010-2011 Objective	Results	2011-2012 Objective
Maintenance, Sustainability, and Residence Life should continue to look for ways to improve the sustainability of the Wood Hall residence Hall.	Ways to improve the sustainability of the Wood Hall residence hall were looked for but none were identified.	Maintenance, Sustainability, and Residence Life should continue to look for ways to improve the sustainability of the Wood Hall residence Hall.