

Annual Sustainability Plan Performance Report

December 2017

Sustainability Awards and Recognition

The 2017 Academic Year was one of several awards recognizing the achievements made by the College of Lake County in areas related to sustainability. In fall 2016, CLC received a Green Genome Award from the American Association of Community Colleges for its governance structure that includes the Sustainability Council as an advisory body to the Governance Coordinating Council, raising awareness of the role that sustainability plays as one of its four areas of excellence: sustainability, diversity, wellness, and global engagement.

In May 2017, CLC received the prestigious Emerald Award from the Illinois Chapter of the USGBC for the design of the new Science Building. This award recognizes the dedication of the college in making this building as sustainable as possible, with its energy conservation, solar PV power and geothermal heating and cooling, water conservation features, indoor environmental quality, and more features all designed to meet LEED Platinum standards.

In June, CLC received a Silver STARS rating from the American Association for Sustainability in Higher Education (AASHE). This rigorous rating system highlights CLC's strengths and opportunities for growth in implementing sustainability programming. The STARS rating system also provides colleges and universities with a platform comparing their accomplishments with those of other similar institutions.

AASHE issued its Campus Sustainability Index later in 2017, placing CLC in the top ten of all associate's level colleges in North America. CLC ranked number eight out of the 320 two-year colleges who submitted STARS reports. This ranking is a tribute to faculty, staff, and students across the college who strive to make CLC and its community more sustainable for the future.

Evaluation & Tracking

The College of Lake County establishes goals and action items in its Sustainability Plan and assesses and tracks its progress in the Annual Performance Update. The Sustainability Plan and Performance Updates provide a summary of sustainability initiatives. The three-year Sustainability Plan is due to be updated in FY 2018.

Action Items are measured by their completion status of being either met (M), in progress (P), or unmet (U). Performance metrics relate to the goals and action items, and are measurable either as quantifiable numbers or as a percentage of the whole. In addition to these metrics, narrative data provides additional descriptions of achievements. Together these reporting mechanisms are tracked annually in order to evaluate progress and program effectiveness, reported through performance reports for the College's Strategic Plan and the Sustainability Plan.

A. Sustainability Planning & Administration

Goal 1 – Coordination: Improve and enhance sustainability efforts of the college with comprehensive planning and coordination.

The Sustainability Council was formed in fall 2016, building off of the success of the Sustainability Guiding Coalition. This Council now reports directly to the Governance Coordinating Council and convenes stakeholders from across the institution to seek high impact initiatives to reinforce sustainability across the campus. This Council guides and coordinates sustainability efforts of the Environmental Action Committee, Academic Quality Improvement Projects, and the Community Partners for Sustainability.

Goal 2 – Human Capital: Encourage behavioral change through education, awareness and engagement of college employees in the implementation of sustainable practices on campus.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 2.1 Educational Resources at Orientation and for Professional Development	P	P	P
Action Item 2.2 Employee participation in activities such as recycling and turning off of unused electronics	P	P	P
Action Item 2.3 Communication and Feedback	P	P	P
Performance Metrics:			
Number of employees attending courses about sustainability and achieving competency levels (Action Item 2.1)	0	Not calc.	Not calc.

New Employee Orientation:

All new employees receive an orientation to the core values and areas of excellence of the College of Lake County.

B. Greening Our Campus

Goal 3 – Buildings and Energy: Minimize building energy consumption through increased conservation and efficiency. TARGET: The Grayslake Campus will decrease energy consumption by 20% from FY 2014 to FY 2017.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 3.1 Assessments of Energy Use	P	P	P
Action Item 3.2 Improve Energy Conservation	P	P	P
Action Item 3.3 Upgrade Lighting Systems	P	P	P
Action Item 3.4 Increase Energy Efficiency of Buildings	P	P	P
Action Item 3.5 Renewable Energy Sources	P	P	P

Performance Metrics:	2015	2016	2017
Reduction in greenhouse gas emissions since 2014 (Action Items 3.1, 3.2, 3.3, 3.4, 3.5, 3.6)	1,653.1 MTCO ₂ e	4,150.95 MTCO ₂ e	3,320.2 MTCO ₂ e
Reduction of natural gas for heating and water heating from 2014 (Action Items 3.1, 3.2, 3.4, 3.5)	54,223 Therms	212,142 Therms	231,011 Therms
Reduction in electricity usage (Action Items 3.1, 3.2, 3.3, 3.4, 3.5)	476,583 kWh	2,117,214 kWh	562,546 kWh
Percentage of light fixtures converted to LED (Action Item 3.3)	Not calc.	Not calc.	Not calc.

In FY 2017, CLC showed a 15.8% decrease in electricity and gas usage when compared to FY2014, saving 25,020.6 MMBTUs of energy and \$140,858 of utility costs. That difference is equal to taking 194 houses off of the grid. In FY 2017 the Facilities Department has been active in retrofitting outdoor lighting in the Grayslake parking lots and roadways with LED lighting. Plans are to complete all outdoor lighting retrofits in FY 2018.

Sustainable Master Plan Construction

During FY 2017, CLC has been under construction on the Grayslake Campus. CLC's geothermal system went online in fall 2016, heating and cooling the B and C wings of the Grayslake Campus. Efficiencies in operational costs for heating and cooling and also in carbon emissions are expected to fall within 50% of the baseline. Café Willow opened its doors in August 2016, providing fresh food with natural lighting and views of Willow Lake.

Greenhouse Gas Inventory

A greenhouse gas (GHG) inventory includes all greenhouse gas emissions caused by an organization, event, product, or person. The most commonly measured greenhouse gases are carbon dioxide, methane, nitrous oxide and water vapor. GHG emissions are measured in three scopes, based on emission source, and then converted to metric tons of carbon dioxide equivalent (MTCO₂e). Figure 3.0 shows the calculated figures for each the three scopes using the Campus Carbon Calculator. Figure 3.1 shows the distribution of greenhouse gases between those different scopes. Figure 3.2 illustrates the trends in GHG emissions over the past eight years.

Figure 3.0: FY 2014-17 Calculation

	Scope 1	Scope 2	Scope 3
Definition	Emissions generated on-site by burning of fossil fuels and use of chemicals	Emissions generated off-site and purchased for use by the college	Emissions generated by individuals commuting to and from campus
CLC Sources Measured	<ul style="list-style-type: none"> • Natural gas • Gas & diesel fleet • Refrigerants • Fertilizers 	<ul style="list-style-type: none"> • Electricity • Paper purchased 	<ul style="list-style-type: none"> • Full and part time faculty, staff, & student commuting
Method	<ul style="list-style-type: none"> ➤ Facilities metering ➤ Natural gas budget 	<ul style="list-style-type: none"> ➤ Facilities metering ➤ Purchasing bills and receipts 	<ul style="list-style-type: none"> ➤ Mass Transit Survey, Fall '09 ➤ IEPR survey '15

	Metric Tons of Carbon Dioxide Equivalent (MTCO ₂ e)		
FY 2014	4,762.04	14,478.03	11,314.66
FY 2015	4,487.40	14,151.20	10,902.46
FY 2016	3,936.92	13,026.07	10,349.52
FY 2017	3,496.39	14,092.25	10,250.84

Figure 3.1 Gross Greenhouse Gas Emissions by Scope

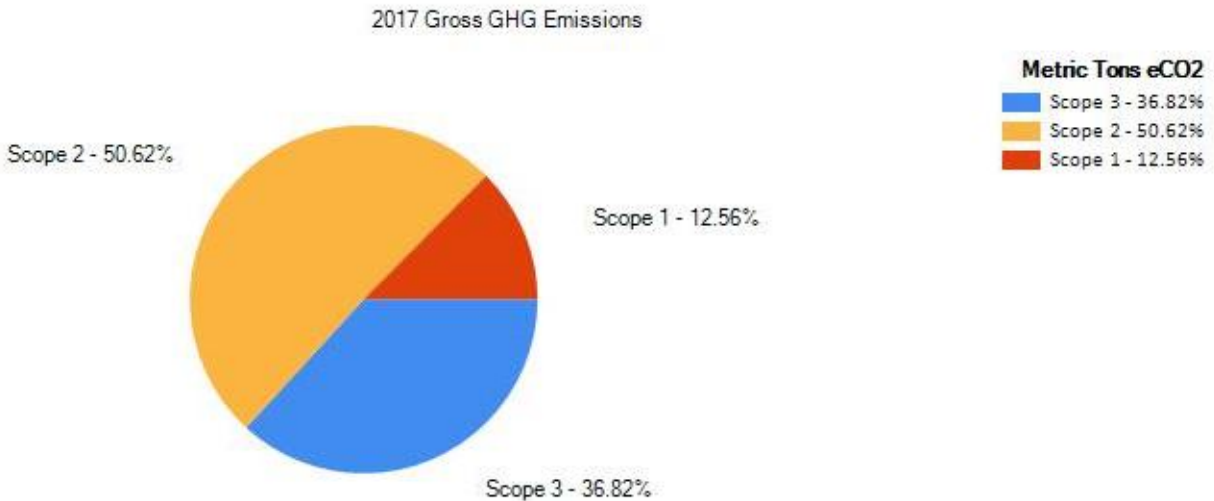
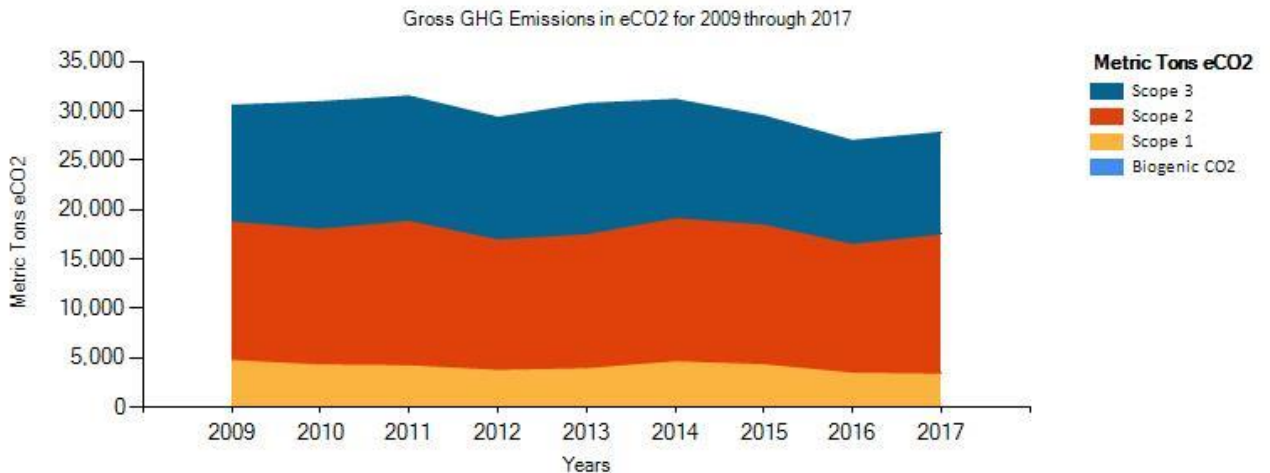


Figure 3.2 Gross GHG Emissions for Fiscal Years 2000-2017

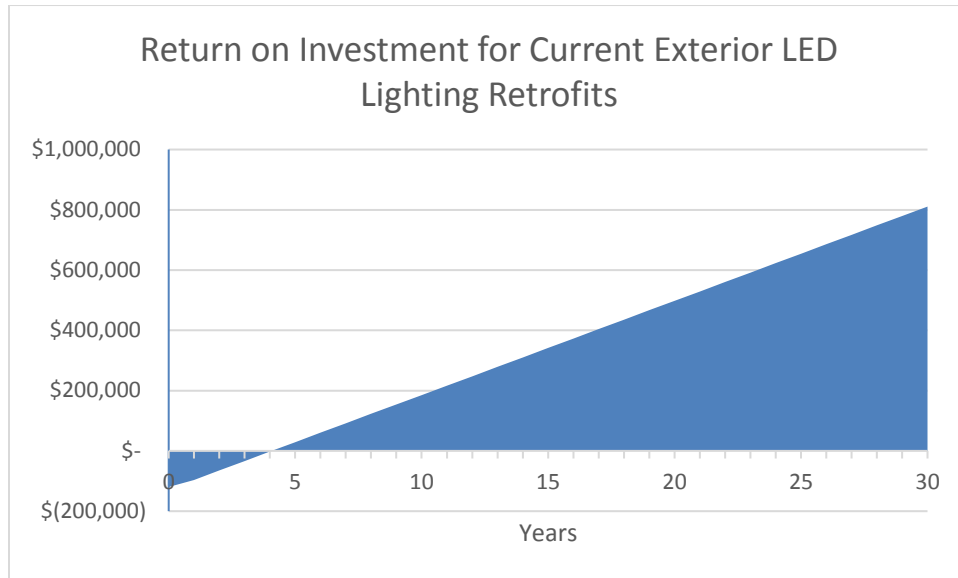


LED Lighting Retrofits

The College of Lake County is currently in the process of retrofitting exterior HPS lights with more energy efficient LED lights and exploring the possibility of replacing indoor fluorescent tube fixtures with LED fixtures in certain buildings, including the L-Wing and the E-Wing.

At the end of the 2017 calendar year, 242 of the 418 exterior fixtures around the Grayslake Campus have been converted to LED from HPS. Retrofitting these fixtures cost \$127,519.42. The project is estimated to pay itself off in just over four years after completion and is projected yield a net savings of \$810,689.72 over a span of 30 years.

Figure 3.3 Return on Investments for Exterior LED Lighting Retrofits



CLC plans to complete the conversion of its remaining exterior HPS light fixtures in the next two years. CLC is also considering upgrading its interior light fixtures in the L and E Wings as well. LED fixtures provide approximately a 30% energy savings over traditional fluorescent tubes. LED fixtures have an average lifespan of 50,000 hours compared to the 20,000 hours for the average fluorescent light tube. This lifespan naturally leads to fewer fixture replacements and reduced purchases and maintenance costs.

Goal 4 – Dining Services: Offer increased local and sustainable food options and improved resource recovery through food service operations. **TARGET:** The amount of locally grown produce utilized in the cafeteria and Prairie Restaurant will increase by 15% from FY 2014 to FY 2017.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 4.1 Local Food Sourcing	P	P	M
Action Item 4.2 Organic, Vegetarian & Healthy Options	P	P	M
Action Item 4.3 Composting, Reuse & Recycling	P	P	M
Action Item 4.4 Culinary Arts, Comm. Gardens and Farmers’ Mkt.	P	P	M
Performance Metrics:			
Percentage of food purchased from locally-grown or on-campus sources (Action Items 4.1, 4.2, 4.4)	0	Not calc.	Not calc.
Percentage of materials diverted from waste stream as compost (Item 4.3)	1.0%	1.0%	Not calc.

Café Willow: Café Willow is expanding its menus to include more vegan and vegetarian options. CLC Public Relations developed a Campus Farm logo to indicate foods containing produce grown on the Campus Farm.

Campus Farm: Staff, students, volunteers and interns at CLC’s Campus Farm harvest nearly 25,000 pounds of produce to be sold to Café Willow and at its weekly seasonal farm market. CLC leased 20 garden plots, 10’x20’ each. Over 3,000 lbs. of produce from the Campus Farm and community gardens were donated to non-profit groups, food pantries and churches in 2017. CLC officially opened its apiary in September 2016, a project led by a student in collaboration with faculty and staff, as part of an independent study.

Compost: Café Willow installed a compost station for postconsumer food scraps in January 2017. These food scraps and pre-consumer scraps from the Café kitchen are picked up by a waste hauler and taken to a commercial composting site. Culinary students are composting pre-consumer food scraps which are taken to the compost stalls on the campus farm. Kaldi Café saves its coffee grounds at its Grayslake location to be collected by the farm staff for composting.

Goal 5 – Grounds: Improve sustainable landscape practices, including coordination and management of turf grass, natural areas, installation of prairie pods/gardens, integrated pest management, and best management practices for stormwater treatment. **TARGET:** The percentage of grounds maintained as restored natural areas and with native landscaping will increase by 10% from FY 2014 to FY 2017.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 4.1 Campus Landscape Management Plan	P	P	P
Action Item 4.2 Reduce Stormwater Runoff	P	P	M/P
Action Item 4.3 Baseline assessments for biodiversity, soil and water	U	U	U
Performance Metrics:			
Square footage of best management practices (BMPs) installed for enhanced stormwater management (Action Item 4.2)	0	0	25,650
Percentage of campus grounds converted to natural areas and native landscaping (Action Items 4.1, 4.2, 4.3)	29.1%	29.1%	30%

Best Management Practices – Bioswales: From November 2016 through October 2017, CLC installed 2,565 linear feet of parking lot bioswales within and adjacent to campus parking lots 2, 3, 6 & 7. Each of the lots has been seeded with a mix of low to medium profile flowers and grasses. The bioswales in lot 6 were planted with plugs and shrubs. Bioswales were constructed with the assistance of grant funds, made available through the Illinois Environmental Protection Agency and the Lake County Stormwater Management Commission.

Natural Areas Maintenance: CLC faculty, staff, and students participated in a number of activities this year related to habitat restoration and natural areas maintenance, including campus cleanup and buckthorn removal north of the Horticulture Building during Earth Week 2017 and a prescribed burn in fall 2016. Restoration efforts around Willow Lake and the prairie and wetland areas east of Lancer Lane are being planned with a three-year contract going out to bid in FY 2018.

Goal 6 – Purchasing: Incorporation of environmental and social considerations into purchasing and procurement processes.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 6.1 Purchasing and Disposal Policies	M	M	M
Action Item 6.2 Life Cycle Analysis Policy	U	U	U
Action Item 6.3 Eliminate Purchases with VOCs	P	M	M
Performance Metrics:			
Percentage of products purchased with environmentally or socially responsible specifications (Action Item 6.1)	Not calc.	Not calc.	Not calc.
Percentage of supplies redirected from the waste stream to be reused or repurposed (Action Items 6.1, 6.2)	Not calc.	Not calc.	Not calc.
Percentage of products containing VOCs (Action Item 6.3)	0	0	0

Purchasing: Sustainability is a consideration in the Procurement Policy allowing for the consideration of products or services that minimize potentially negative impacts on the environment and human health for competing products or services that serve the same purpose. No method for identifying life cycle analysis has been identified that would help achieve Action Item 6.2. Custodial services has a policy and practice of purchasing cleaning products without VOCs. Only sanitizers and disinfectants may have VOCs.

Goal 7 – Transportation: Improve alternative transportation options for all faculty, staff and students commuting to and from campus.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 7.1 Study and track transportation choices	P	P	P
Action Item 7.2 Increase Awareness and Improve Accessibility for Alternative Transportation	P	P	P
Action Item 7.3 Fuel Efficient Fleet	P	P	P
Action Item 7.4 Measure and Mitigate Emissions from Business Travel	U	U	U
Action Item 7.5 Install electric charging stations	U	P	P
Performance Metrics:			
Percentage of students engaged in alternative transportation strategies (Action Items 7.1, 7.2, 7.5)	11%	11%	11%
Percentage of employees engaged in alternative transportation strategies (Action Items 7.1, 7.2, 7.5)	9%	9%	9%
Percentage of campus fleet vehicles utilizing alternative or fuel efficient technologies (Action Items 7.3, 7.4)	Not calc.	Not calc.	Not calc.

Transportation Study: The Department of Institutional Effectiveness, Planning, and Research included transportation choices in its survey of students in spring 2015 and faculty/staff in fall 2015. The survey is due to be re-issued every three years. The next survey is anticipated to take place in fall 2018.

Goal 8 – Waste: Maximize waste diversion and resource recovery across campus by individuals and through institution-wide policies and programs. TARGET: Solid waste diversion will increase by 15% in the three-year period from the baseline established in the 2015 spring waste audit.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 8.1 Guidelines for C&D Diversion	U	U	U
Action Item 8.2 Track Waste Reduction	M	P	P
Action Item 8.3 Recycling with Every Garbage Can	P	P	P
Action Item 8.4 Develop Info Center for Waste Diversion Information	U	U	U
Performance Metrics:			
Quantities of C&D debris diverted from waste stream (Action Item 8.1)	42%	42%*	42%*
Annual tons of solid waste disposal (Action Items 8.2, 8.3, 8.4)	53.9 tons	53.9* tons	53.9* tons

Solid Waste Reduction Plan: Facilities completed its mandated 5-year Solid Waste Reduction Plan in March 2015. CLC is diverting 42% of its solid waste by recycling and composting pre-consumer food scraps. The recycling plan was revitalized in fall 2015 to provide more blue recycling bins in all classrooms. This diversion rate is set to be expanded significantly with the addition of compost services in the café. *Figures based on FY2015 waste audit. Annual waste audits are being planned for FY18, taking into account breaks and other variations that might cause a variation in waste generation.

Composting: CLC hosted the Illinois Foodscrap Coalition (IFSC) meeting in October 2016, highlighting its new foodscrap collection program beginning shortly thereafter. CLC joined the IFSC as a member in 2017. The Environmental Club hosted the 2nd annual pumpkin composting event in November, collecting 1.5 tons of pumpkins.

Goal 9 – Water: Support and improve water conservation measures within building operations, on campus grounds, and in the Lake County community.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 9.1 Benchmark Water Usage	U	U	U
Action Item 9.2 Water Saving Toilets and Fixtures	M	M	M
Action Item 9.3 Minimize irrigation and install drought tolerant, native plant species	P	P	P
Action Item 9.4 Increase Education and Awareness	P	P	P
Action Item 9.5 Study Uses for Non-Potable Water	U	P	P
Performance Metrics:			
Annual reduction in water use (Action Items 9.1, 9.2, 9.3, 9.4)	Not calc.	Not calc.	Not calc.

Water Conservation: Native, drought-resistant plants installed in 3 areas of Lancer Lane median in summer 2015. These plantings are being scaled back due to visibility and safety considerations. Annual reductions in water use were not recorded since water usage actually increased, partly due to construction and geothermal system installation.

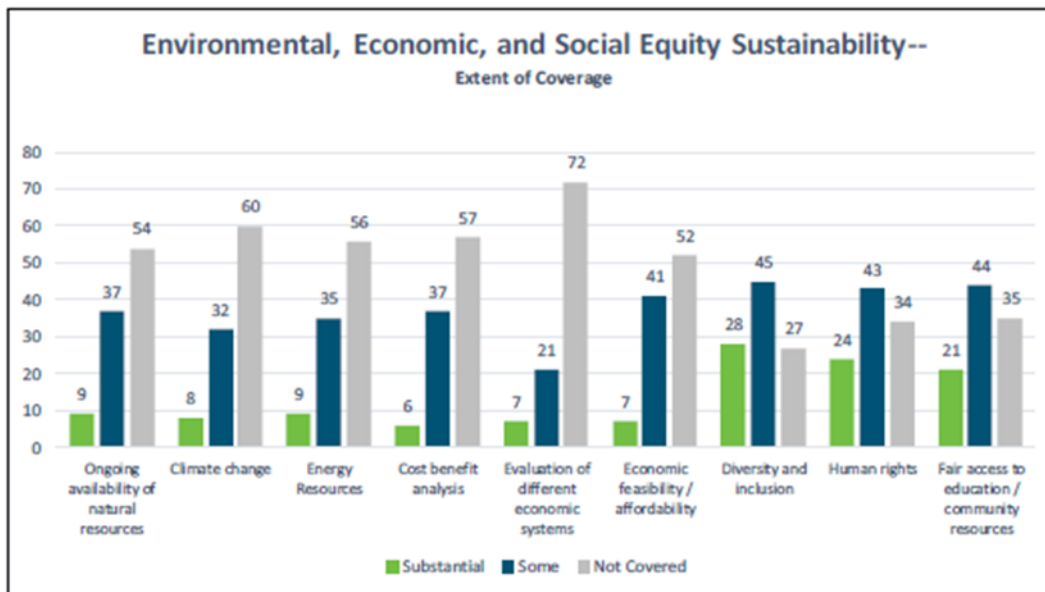
C. Greening Our Curriculum

Goal 10 – Curriculum: Integrate connection between Student Learning Objectives in Sustainability and other components of sustainability education with all credit curriculum offered by the institution.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 10.1 Faculty Development Opportunities	P	P	M
Action Item 10.2 Integration of Sustainability into Existing Curriculum	P	P	P
Action Item 10.3 Student Sustainability Literacy	P	P	P
Action Item 10.4 Community-Based Experiences	P	P	M
Action Item 10.5 Experiential Learning with Campus Operations	P	P	M
Performance Metrics:			
Number of Sustainability-Focused or Related credit courses (Action Items 10.1, 10.2, 10.3, 10.4, 10.5)	12	12	199
Number of credit programs and departments which include as Sustainability-Focused or Related courses (Action Items 10.1, 10.2, 10.3, 10.4, 10.5)	46	46	46
Number of graduates exposed to Sustainability-Focused or Related courses, or other sustainability curriculum initiatives (Action Items 10.1, 10.2, 10.3, 10.4, 10.5)	Not calc.	Not calc.	Not calc.

Faculty Development and Experiences: Sustainability related AQIP projects were pursued during the 2016 and 2017 academic years. The FY16 AQIP expanded the concept of sustainability at the college beyond the environmental aspects to include economic and equity/social justice aspects and assessed current levels of sustainability content and practice in existing courses, curricula, and programs. An IEPR survey of faculty found that 21-45% of respondents cover topics related to sustainability in their coursework, when identified across applications of the triple bottom line, as indicated in Figure 10.1.

Figure 10.1 Number of Courses with Sustainability Content with Triple Bottom Line

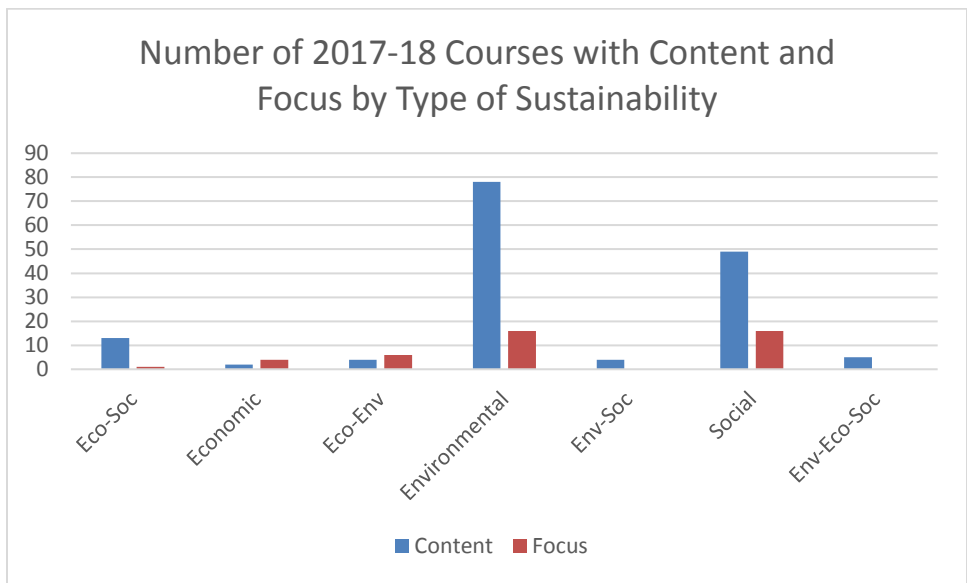


In FY 2017, CLC conducted an AQIP project to follow on the success of the work done in FY 2016, in order to: (1) assess opportunities for sustainability curriculum in current courses and programs; (2) identify where sustainability exists in our current curriculum; and (3) produce specific goals for incorporating sustainability as part of curriculum or program development. Eight faculty members participated in this AQIP pilot program with training on how sustainability can be incorporated successfully into various curricula, including nursing, mathematics, business, speech, psychology, social work, and others. Faculty found students to be especially engaged in lessons expanded with sustainability themed applications and critical thinking exercises.

Sustainability Focus and Content in Courses: Staff undertook an exhaustive review of course descriptions from the FY18 course catalog to evaluate for sustainability content and focus, in preparation for the STARS report submission. The course catalog was reviewed over the summer of 2017 to identify key themes in course descriptions to evaluate whether they fit within the triple bottom line of sustainability and which categories: environmental stewardship, economic responsibility and/or social justice.

Figure 10.2 identifies the number of courses that were ascertained to have sustainability content or focus, in which areas of the triple bottom line of sustainability (environmental quality, economic responsibility, and social equity) either separately or in combination with the other elements.

Figure 10.2 Number of 2017-18 Courses with Sustainability Content and Focus, By Areas of the Triple Bottom Line



More classes cover environmental and social aspects of sustainability than other areas. Many more classes tend to cover sustainability content rather than focus on sustainability, which makes sense given the number of introductory classes relative to special topics courses.

Goal 11 – Student Engagement: Provide unique opportunities for CLC students to influence, participate, and learn from sustainability efforts on campus and in the community.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 11.1 Include Sustainability Commitments and Performance in New Student Orientation	P	P	P
Action Item 11.2 Integrate Sustainability Practices and Activities with Student Life	P	M	M
Action Item 11.3 Extra-Curricular Activities	P	P	P
Action Item 11.4 Peer-to-Peer Sustainability Outreach	U	U	U
Performance Metrics:			
Number of sustainability outreach campaigns for students (Action Items 11.1, 11.2, 11.3)	3	5	5
Number of students engaged in peer-to-peer outreach (Action Item 11.4)	0	0	0

Student Sustainability: Sustainability has become more established as a required activity for student clubs. New and expanded student focused programs were expanded in the 2017 academic year, including: Climate Week, American Recycles Day, the One Earth Film Festival, Earth Week, and the Lake County Green conference. Students and staff took a lead in conducting a composting mentoring program in January.

Goal 12 – Workforce & Professional Development: Incorporate sustainability and green job training into workforce and professional educational opportunities.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 12.1 Sustainability Training Opportunities with Workforce Development	P	P	P
Action Item 12.2 Expand Partnerships for Experiences	P	P	P
Action Item 12.3 Connections to Engage Students in Green Economy	P	P	P
Performance Metrics:			
Number of courses and trainings offered related to sustainability and green jobs (Action Items 12.1, 12.2, 12.3)	12	12	12
Number of students and community members impacted by workforce educational opportunities (Action Items 12.1, 12.2, 12.3)	Not calc.	Not calc.	Not calc.

Sustainability in WPD: Staff from Workforce & Professional Development met with the sustainability manager and Sustainability Across the Curriculum coordinator to discuss opportunities to infuse sustainability into WPD trainings and courses.

Student Experiences: Environmental Club students participated in a field trip to visit Baxter International in the fall 2016. Student volunteers participated in the Lake County Green conference.

D. Greening Our Community

Goal 13 – Green Economy: Support economic resilience and growth by providing current information and resources on sustainability to the public and across industry sectors.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 13.1 Website as Hub of Information on Green Economy	P	P	P
Action Item 13.2 Share Best Practices on Campus	P	P	P
Action Item 13.3 Communicate Updates on Performance and Solicit Feedback	P	P	P
Performance Metrics:			
Number of community members reached via publications, websites, events and other activities (Action Items 13.1, 13.2, 13.3)	Not calc.	Not calc.	Not calc.
Number of community sustainability events hosted on campus and within the region (Action Items 13.1, 13.2, 13.3)	Not calc.	Not calc.	Not calc.

Information Sharing:

The Sustainable CLC webpage provides resources in a format that echoes this Sustainability Plan, with information and resources about Greening Our Campus, Greening our Curriculum, and Greening our Community. The community calendar provides information about sustainability-related events across the district. CLC regularly posts information on Facebook and news emails through Constant Contact.

Goal 14 - Collaboration: Develop partnerships with various entities to facilitate and accelerate sustainability goals and accomplishments across the community.

Action Item Status:	2015	2016	2017
Met (M) – In Progress (P) – Unmet (U)			
Action Item 14.1 Connect Users across Industry Sectors to Information	P	P	P
Action Item 14.2 Host Community Partners for Sustainability and Lake County Green conference	M	M	M
Action Item 14.3 Survey Needs of stakeholders	P	P	P
Performance Metrics:			
Number of community members participating in the Community Partners for Sustainability in Lake County (Action Items 14.1, 14.2, 14.3)	30	25	9
Number of community members participating in the annual Lake County Green conference (Action Items 14.1, 14.2, 14.3)	100	85	86

Community Meetings:

CLC hosted several events last year that brought in community members to collaborate over sustainability solutions. CLC hosted Climate Week in September, with a film and discussion. Two films were co-sponsored by student groups and community members. CLC co-hosted 3 films with local partners as part of the One Earth Film Festival, drawing the highest attendance levels of the festival. The Community Partners for Sustainability have decided to meet less often in FY17 and rather use the forum as a tool for planning special events. CLC hosted its 7th Lake County Green conference in April, 2017. The focus of this year's Lake County Green was "Building a Resilient Future" bringing together leaders from local schools, architects, Lake County Forest Preserve District, the community, and students.