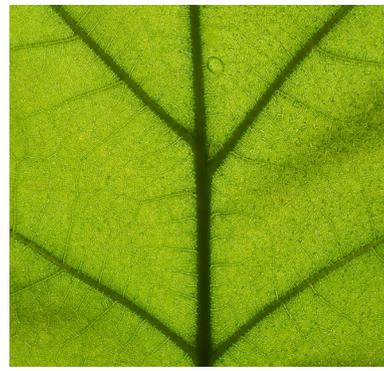


NEW for Spring 2016

MCHENRY COUNTY COLLEGE GREEN COURSES



The McHenry County College Sustainability Center surveyed all full time and part time instructors to identify which classes currently include one or more of the three components of the definition of sustainability in order to improve efforts to guide students interested in taking related coursework.

MCC embraces the American Association for Sustainability in Higher Education (AASHE) definition which includes three elements of sustainability into its definition: economic, social (or equity) and environmental; the so-called “three-legged stool.” The relationship between these three elements must be properly managed to ensure the long-term viability of our communities and, by extension, the planet.

COURSE	COMPONENT OF SUSTAINABILITY	INSTRUCTOR
AMT 140 Automotive Engine Technology	Students learn how new engine technology provides more efficient combustion, resulting in cleaner air and better fuel economy.	Pace & Kivley
AMT 180 Auto Steering Chassis—Suspension	Discusses how proper alignment and proper tire inflation improves gas mileage, resulting in better fuel economy and emissions.	Albamonte & Kivley
AMT 260 Advanced Diagnostics & Driveability	Discusses how new engine technology provides more efficient combustion, resulting in cleaner air and better fuel economy. Students will learn how to use a dynamometer (dyno) to test and measure the torque and power of a vehicle to ensure it is running efficiently.	Mike Albamonte
ANT 151 Introduction to Anthropology	Sustainability issues are worked into various topics (e.g., reduce/reuse/recycle; how different cultures use their environment); Students can do 2 nd research project on sustainability issues.	Judi Cameron
ANT 155 Introduction to Archaeology	Sustainability issues are worked into various topics (e.g., garbage and reduce/reuse/recycle; use past cultures as examples of what can happen when environments/resources are overused); Students can do their research project on sustainability issues.	Judi Cameron
ANT 160 Intro to Physical Anthropology	Sustainability issues worked into various topics (e.g., how different cultures impact their environment; the impact of environmental changes on human biological attributes). Students can do their research project on sustainability issues.	Judi Cameron
ANT 170 Introduction to Cultural Anthropology	Sustainability issues are worked into various topics (e.g., reduce/reuse/recycle; how different cultures use their environment); Students can do their research project on sustainability issues.	Judi Cameron
ART 151 Art Appreciation	Exploration of land art, environmental art, ephemeral works, and site specific installation.	Department Staff
BIO 110 Introduction to Human Biology	Food management—GMO	Phillip McCrea
BIO 157 Fundamentals of Biology	Explaining ecological principles, including the human impact on the environment.	Lisa Tambellini
BIO 157 Fundamentals of Biology	Nutrient cycles (C, N, H ₂ O, mineral), how humans have altered the natural cycles, and how humans can return to sustainable use.	Beverly Dow

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COURSE	COMPONENT OF SUSTAINABILITY	INSTRUCTOR
BIO 255 Microbiology	Bioremediation using microbial agents.	Marla Garrison
BIO 255 Microbiology	Speak about how microbes are used in society, bioremediation and other industry applications.	Robert Smith
BUS 150 Introduction to Business	Identifying and discussing the different ways that the auto industry are making their products more environmentally friendly.	Sherry Ridge
BUS 175 International Business	Environmental analysis and ethics.	Dawn Valdes Wagner
EAS 170 Geology and Oceanography	Discusses environmental problems from the geology and oceanography perspective.	Kate Kramer
EAS 185 Natural Hazards and Disasters	Students look at patterns of occurrence, research, prediction, and our adaptation to geophysical and atmospheric threats. Students also analyze past and present extremes of nature from human and environmental perspectives.	Department Staff
ENG 151 Composition I	Readings, paper topics.	Katrine Poe, Lisa Crizer
ENG 152 Composition II	Students will view the documentary <i>Food, Inc.</i> which examines unsustainable corporate farming practices in the United States.	Robert McCord
GEG 107 Introduction to Physical Geography	Multiple topics	Paul Stahmann
GEG 123 Energy Resources	Non-renewable energy resources and climate impact.	Ted Erski
GEG 220 The Global Environment	Multiple topics	Paul Stahmann
GEG 221 The Global Environment Lab	Multiple topics	Paul Stahmann
GEL 105 Introduction to Physical Geology	Discuss environmental problems from the geology perspective.	Kate Kramer
HFE 250 Nutrition for Wellness	We cover sustainability and environmental issues in one of the last units in the course	Elaine Whalen
MGT 150 Principles of Management	Case Study: Environment and Business in St. Tropez—Making sure there's a sustainable equilibrium between the environment and the community.	Sherry Ridge
MKT 110 Principles of Marketing	Environmental analysis and ethics.	Dawn Valdes Wagner
SOC 151 Introduction to Sociology	Social inequality, sustainability of growing human population, sustainability of suburbia.	Mark Eckel

Visit the Sustainability Center (A248) or email khankins@mchenry.edu with any additions or changes.

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