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Assignment: Climate Action Plan 3.0 (Sustainable Living)

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Final Project: Climate Action Plan 3.0

In 2007, former UMass president Jack M. Wilson committed the five UMass campuses to carbon neutrality by 2050. So, we created the Environmental Performance Advisory Committee (EPAC), which produced the Climate Action Plan in 2010 and the Climate Action Plan 2.0 in 2012.

The Climate Action Plan 2.0 lays out strategies to meet UMass's energy goals by 2050, but many projects are still in the planning phase and have not been implemented on campus yet. It's time for you to design the Climate Action plan 3.0!

As a team, you will create and present one solution from your Climate Action Plan 3.0 to help UMass become carbon neutral ahead of schedule. Your energy solution can be a policy, program, transportation improvement, or energy-saving technology. Research the Climate Action Plan 2.0 thoroughly to make sure your solution has not already been proposed.

Deliverables:

Provide one media deliverable as a team. This can be a proposal, infographic, presentation, pamphlet, or short film. It will be up to you to decide how best to present your energy solution, so be creative!

In your deliverable, include the following information about your energy solution:

- Projected Cost(s)
- Energy Savings
- Breakdown/Explanation of Technology or Policy
- Short-Term Benefits
- Long-Term Expectations/ Projections

PLUS Along with your deliverable, each group must provide an additional 1-3 page Executive Summary (Size 10 Arial, double-spaced, as per the National Science Foundation standard for grant proposals), including graphs, charts, and any other data that is relevant to your solution. **Include three or more cited resources from the Campus Library Databases!**

Include an additional cover page with project title, group members, and assigned roles (and your team name!).

Group Roles:

Establish one or more roles for each member of your group. Make sure all aspects of the project will be covered by at least one member of your group, and split the work up evenly.

- Group Leader
- Lead for Climate Action Plan 2.0 Integration
- Lead of Deliverables
- Lead Researcher
- Lead Writer
- Editor(s)

Toolbox:

You will have access to several documents that will help you research the energy costs of a large university like UMass. All of the following documents will be uploaded to Moodle under the Energy Project heading.

- NPR: Green Dorms-
<http://www.npr.org/templates/story/story.php?storyId=14075155>
- National Grid: Campus Energy Efficiency-
https://www.nationalgridus.com/non_html/shared_energysave_college.pdf
- Climate Action Plan 2.0-
<http://scholarworks.umass.edu/cgi/viewcontent.cgi?article=1001&context=csi>

Grading:

Your projects will be graded based on the following criteria:

- Creativity
- Depth of Research
- Quality of Resources and Collected Data
- Quality of Media Deliverable
- Quality of Executive Summary

The rubric will be available on Moodle as well.

You will also be performing peer evaluations on each other's group performance. The grade you receive from your peers will influence your individual grade on the project, so do great work!