UWSP - College of Professional Studies - Division of Interior Architecture

Course Syllabus

IA 315 : *Sustainable Design*

Location and Time
CPS (College of Professional Studies) Room 307
Tuesdays : 9:30 pm - 10:45 (75 Min)
Online: Additional 75 Minutes (D2L and Teams: Use UWSP credentials at https://office.uwsp.edu/

Instructor : Aaron Kadoch, Associate Professor
Email: akadoch@uwsp.edu
Office: CPS Room 330 (Main Office)
Office Hours: By appointment. Email for appointment

Reading and Reference Materials :
Case Studies, Readings, Links and References provided on D2L.

General Course Overview
Fundamentals of sustainable design, construction and planning with an emphasis on green building rating systems including LEED, Living Futures, Cradle to Cradle, and general sustainable criteria, policy and planning for healthy, vibrant communities/campuses.

Course Learning Outcomes

- Understand general sustainability policies, perspectives, contexts and diverse but inter-related problems facing communities and the world.
- Be able to navigate, outline and work within various Green Building rating systems and codes.
- Be able to apply rating systems criteria to develop an introductory level design manual that works towards sustainable certifications at both a macro and micro level of building and community development.
- Be able to create specific design solutions that meet sustainability concerns, issues and problems within a rating system framework.
- Learn and practice communication standards within a sustainable design industry with the creation of professional looking documentation, reporting and manuals using graphical illustration and text based analysis.

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Course Work and Grading:

1. Sustainable Design Workshop/Wisconsin Rapids Project   Total Points   8

2. Readings/reference quizzes (3 at 4 points each)   Total Points   12

3. Manual Development   Total Points: 40
   -Chapter 1 (10 pts)
   -Chapter 2 (10 pts)
   -Chapter 3 (10 pts)
   -Chapter 4 (10 pts)

4. Final Project (3 parts)   Total Points: 30
   - Chapters 5 and 6: (10 pts)
   - City of Stevens Point Design Project/Video (Group Project) (10 pts)
   - Final Exam Presentations: On Site Design Presentation (10 pts)

5. Class Participation: Overall Comprehension and Quality of Work   Total Points: 10

Total Points for Course: 100

Grades / Points:

A : 100-95 Points	**A- : 90- 94.99 Points**	**B+: 89.99 - 86 Points**
B : 85.99 - 83 Points	**B- : 82.99 - 80 Points**	**C+: 79.99 - 76 Points**
C : 75.99 - 73 Points	**C- : 72.99 - 70 Points**	**D+: 69.99 - 66 Points**
D : 65.99 - 63 Points	**D- : 62.99 - 60 Points**	**F : 59.99 - 0 Points = Fail**

Course Work and Grading Expanded:

1. General Participation and Activity

The online environment is rich in content and media. You are required to reference and utilize this information for your project and this will be evident in the quality and effort made in your final work outputs. There is a discussion forum set up for specific questions and issues that pop up. Immediate concerns should be emailed directly, but general content questions and learning discovery related to the course content is most appropriate in the discussion space in Microsoft Teams. Negative points can be accrued for missing classes. If more that 3 classes are missed, your grade can be reduced by a whole letter grade. Example: an A- with 4 classes missed can result in a "B-" grade.

2. Reading and Reference Quizzes

You will have quizzes online based on main LEED criteria as well as on the Living Futures Challenge Criteria. These quizzes will be online in D2L and will be open book/reference. However you are not allowed to take quizzes with friends or share information or answers/questions. You will have plenty of time to take the quiz – (3 Hour Duration), however if anyone has any learning disabilities or needs for extra time or other considerations, please let me know.

Associate Professor: Aaron Kadoch

3.   Manual Development

Your complete manual is made of 6 separate chapters focusing on the design criteria from LEED, and the Living Communities Challenge criteria. See complete project requirements. The Manual is broken into a development stage and a final project stage (Last 2 chapters). Each chapter or chapter pair is a stand alone grade, however they can be improved along the way, based on comments and discussions for the final manual overall grade. Minimum criteria is to reach LEED silver within the points rating system.

4.   Final Manual

Your complete manual is a compilation of all design criteria within an overall integrated Master Plan. Your goal is to reach full certification by addressing all 20 imperatives clearly throughout the whole report and put them into a single framework within the master plan and integrate the graphics and quality of a cohesive presentation through a complete professional looking design manual.

General Course Policies

A.   Due Dates and Schedules in an Online Environment:

All graded projects and assignments per the syllabus outline above are due on time, per the schedule and per the D2L Drop Box deadlines. No late submittals will be accepted on graded items. If in the event of extenuating circumstances such as medical emergencies, family emergencies or extreme personal emergencies notify professor to make alternate arrangements for submitting course work prior to the due date.

All online activities are indicated on the schedule and it is your responsibility to develop the manual largely outside of class time. There will be opportunity to discuss and develop specific parts of the manual in class.

B.   Communication:

Like all aspects of education and professional conduct, clear communication is essential. You will be receiving initial information and outlines about the course up front. All official documents will be posted on D2L. You will receive information and additional /supplemental information throughout the semester through email, documents posted on D2L, and using the online collaborative team space in Microsoft Teams. You are required to actively communicate by checking email for notifications, checking Teams for posts and discussions.

Any information that you feel is important to be communicated, please email me and/or make an appointment for an office visit when on campus.

C.   Hybrid In Class and Online Environment

While this course is partly online, you are required to view, use and read all course materials as described in project requirements in an online environment and participate in all class meeting time for face to face meeting and instruction. The quality of your work submittals can be ascertained based on whether you are following the course materials effectively and appropriately and this can negatively impact your grade.

Course Format:
D2L contains material for the course including readings, assignments, Internet links and other relevant information and is available in the Table of Contents sections of D2L. Selected assignments have a discussion component that will allow for discussions online and this will take place in Microsoft Teams: Link. https://office.uwsp.edu/
These activities will provide you with the opportunity to read what other students in your group have written, compare it to your understanding of the concept or questions discussed and comment on it in order to develop critical thinking skills. Posting to the discussion forums will be demonstrated in class.

Grades will be recorded in an online grade book. Keep in mind that grades are not entered immediately as they must be physically entered; therefore it may take several days to weeks to process. You are encouraged to check the grade book frequently. In the event that an entry error has occurred, you must report it promptly so that changes can be made in a timely manner. Do not wait until the final week of classes to report errors that occurred early in the semester. Questions about your grades can be directed to the professor directly. Individual student grades are confidential. The URL to access Desire2Learn is: http://uwsp.courses.wisconsin.edu   Your UWSP user name and password is also your login for D2L.

D.   Plagiarism Policy: Plagiarism is not accepted and will automatically result in a failing grade for the assignment and possibly the course, depending on the severity of the violation.

What is plagiarism? According to the *Merriam-Webster Online Dictionary*, to "plagiarize" means 1) to steal and pass off (the ideas or words of another) as one's own;
2) to use (another's production) without crediting the source;
3) to commit literary theft;
4) to present as new and original an idea or product derived from an existing source. Additionally it is not acceptable to provide others with work knowing that the other party will present it.

Citations : Cite all sources used in research and work: You must give credit to all images, text and web sources and must include the following items in your journals. Common information required:

1.   Source Location: Name of Book, Website Address with link, Magazine Name
2.   Author (s) Name
3.   Date of Publication
4.   Publisher and Address (city, country for a Book or website name and address)
5.   If using a photograph of architectural work, site the photographer's name, designer's name and any additional credit to the original work being photographed such as the builder or client.

Use the following source for all citation formats for APA style:
http://www.library.cornell.edu/resrch/citmanage/apa