

Syllabus: FAS 483: Sustainable Fashion Capstone

Course Title: FAS 483: Sustainable Fashion Capstone

Semester: Fall 2024

Instructor: Prof. Olivia Brown

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Office Hours: Thursdays 2:00-4:30 PM OR by appointment

Class Time & Place: Monday or Wednesday 3:00-4:15 PM in SANCA 545

Course Description:

This capstone course focuses on the development of sustainable fashion collections using environmentally friendly materials and ethical production practices. Students will design and produce a sustainable fashion collection, culminating in a presentation at the Innovation Showcase. The course includes the development of a project proposal, material selection, sample production, and a final report.

Course Objectives:

Develop and produce a sustainable fashion collection using environmentally friendly materials.

Conduct a sustainability analysis, including life cycle assessment (LCA) and carbon footprint calculation.

Test materials for durability, comfort, and environmental impact.

Effectively present the sustainable fashion collection at the Innovation Showcase.

Learning Outcomes:

Gain expertise in sustainable fashion design and production.

Develop practical skills in material selection and sustainability analysis.

Improve communication skills through written reports and presentations.

Enhance the ability to manage sustainable fashion projects from conception to completion.

Group Project and Required Subtasks:

The group project for this course will involve the development of a sustainable fashion collection, focusing on environmentally friendly materials and ethical production practices. The project will be broken down into the following subtasks:

1. **Project Proposal (Week 3):**

- Create a proposal detailing the sustainable fashion collection, target audience, and environmental goals. Include a timeline and assign roles to team members.

2. **Research and Material Selection (Weeks 4-6):**

- Conduct research on sustainable materials and ethical production practices. Select materials that minimize environmental impact and promote sustainability.

3. **Design and Sample Production (Weeks 7-10):**

- Design the sustainable fashion collection and produce samples of key pieces. Test the materials for durability, comfort, and environmental impact.

4. **Final Collection Production and Sustainability Analysis (Weeks 11-12):**

- Produce the final garments for the collection. Conduct a sustainability analysis, including life cycle assessment (LCA) and carbon footprint calculation.

5. **Final Report and Presentation (Weeks 13-15):**

- Document the entire design and production process, including challenges, solutions, and outcomes in a final report.

- Prepare a presentation for the Innovation Showcase that highlights the key aspects of the sustainable fashion collection.

Groups are expected to collaborate closely, meeting regularly to discuss progress and resolve any issues. Instructor check-ins will be scheduled to provide guidance and feedback.

Evaluation:

Class meetings (5): 20 points

Individual meetings (3): 12 points

Project Proposal: 10 points

Research and Material Selection: 15 points

Design and Sample Production: 18 points

Final Collection Production and Sustainability Analysis: 10 points

Final Report: 10 points

Presentation: 5 points

Poster: 10 points

Total: 100 points

Course Policies:

Attendance and Participation: Regular attendance and active participation are crucial for success in this course. Students are expected to attend all scheduled class meetings and individual sessions. If a student is unable to attend a class, they should inform the instructor in advance and arrange to complete any missed work.

Academic Integrity: All students must adhere to ASU's academic integrity policy. Any form of academic dishonesty, including plagiarism, will be reported and may result in severe penalties, including a failing grade for the course.

Accommodations: Students with disabilities or special needs should contact the ASU Disability Resource Center to arrange appropriate accommodations and notify the instructor as soon as possible.

Important Dates:

Class Week 1: Introductions & Project Brainstorming (Aug 26)

Individual Meeting #1: Discuss Ideas and Readings (Sep 4)

Class Week 2: Proposal Presentation & Group Feedback (Sep 18)

Individual Meeting #2: Proposal Feedback & Methods Discussion (Oct 2)

Class Week 3: Revised Proposal Presentation & CERTT Tour (Oct 23)

Individual Meeting #3: Data Analysis & Progress Review (Nov 13)

Class Week 4: Professional Development & Project Discussion (Nov 27)

Innovation Showcase: Final Presentations & Poster Display (Dec 6)