

EGN 4932: Engineering + Art - The French Perspective

MTWRF 9:00am-12pm | Office Hours by appt Summer 2024 | 3 credits

Course DESCRIPTION

This is an entry level and exploratory course that promotes the development of drawing, visual literacy, and critical and design thinking skills for the purpose of making creative connections and thinking outside the box. It is designed to help the student begin daily practices of visual analysis and sketching as tools for engineering and general creative thinking.

This course will focus on observational close looking, experimentation, systems thinking, ideation, and examine the interdisciplinary work of historic and contemporary artists and thinkers working at the intersection of art and engineering. In person demonstrations, drawing sessions, creative thinking practices, readings and lectures, and site-specific field trips will prompt inspiration and exploration along with evaluation of ideas. Students will be guided to engage creatively and investigate their surroundings along with their visual experience while reflecting on the relationship of art and engineering.

Students will take away a better understanding of the history of art and its association with engineering design. They will learn to evaluate visual choices and perceive cultural connections related to those choices. Ultimately students will gain a broad view of creativity's application in a global environment and have a technical skill set that allows them to further participate in inter-cultural communication.

Not everything will have tangible results or be practical, but all assignments are designed to cause you to engage creativity, investigate your surroundings along with your visual experience and reflect.

Students will produce a final project that communicates their experience in Lille using the artistic theories and tools gained throughout the class. Upon return to Gainesville their artwork will be displayed through the College of Engineering with a specific art exhibition highlighting their work. By the end of the four weeks, students will have a deeper appreciation for the social and cultural considerations that impact contemporary visual culture and will become more sophisticated consumers of visual culture.

COURSE OBJECTIVES

- Explore history of art through museums and art galleries. Understand basic artistic differences.
- Engage with French culture by actively participating in the life of a city through its streets and public places.
- Experience sense of place and understand difference from their home.
- Learn to look, interpret, reflect, and respond.
- Investigate creative connections: make meaning of what is seen.
- Explore a variety of techniques and compositional possibilities and gain technical proficiency in their use.
- Document and annotate ideas and their beginnings.

COURSE SUCCESS / WORK ETHIC

Be present and engaged. Studio courses differ from regular academic courses. Attendance is necessary for success as the creative process unfolds through constant work and guidance. Your success is

determined by your ability to implement continuous feedback throughout the creative process. The class schedule could change due to class pace. This means projects and due dates could fluctuate (notice of changes will be made) because this class prioritizes creative processes and critical thinking. New and unusual approaches often lead to discovery in work, be willing to take risks and be diligent in your working habits. Come to class early, set up, and work till the end of class. Be ready to take risks and fail as this often proves more fruitful than staying safe. You don't have to use your eraser!

GRADE SCALE / EVALUATION

A 90-100 | B+ 85-89 | B 80-84 | C+ 75-79 | C 70-74 | D+ 65-69 | D 60-64 | F 60 and below

Overall effort and general attitude towards your work, and improvement during the semester will factor into your grade. Assignments will be evaluated according to the following criteria: 1. Successful resolution of the assigned problem 2. Initiative, did you challenge yourself? 3. Craftsmanship, attention to detail, etc. 4. Inventiveness 5. Overall artistic design catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/

ATTENDANCE & PARTICIPATION

This class is meant to be fun. In order to have fun you need to be present. You are allowed 2 absences. STUDENTS ARE RESPONSIBLE FOR KEEPING TRACK OF THEIR ATTENDANCE. Students are expected to be on time and prepared, with proper supplies, for each class meeting. Coming to class without appropriate materials will be considered an absence. Explanations and demonstrations will usually be presented at the beginning of each class period, so be on time. Three early departures or late arrivals will equate to an absence. For every absence after 2, your letter grade will drop by one whole letter. If you miss 6 classes you fail the course. Students are responsible for material covered and assignments given during any absence.

Critiques are extremely valuable in the learning process; therefore, attendance and participation are required at all critiques. Arriving late may not guarantee work being critiqued and unfinished work will not be critiqued. If a student stops attending class, the student must complete an official withdrawal form or receive a failing grade for the course.

COMMUNICATION POLICY

Use of your email is required. Announcements and general communications will be sent via email. Please practice open communication. Life happens outside class which can affect your attendance/performance. Being willing to communicate the challenges you are facing will help ensure course success. You are not required to divulge all information, but simply emailing to inform me of a situation or illness goes a long way when calculating attendance at the end of the semester.

LATE WORK POLICY

Assignments are due when indicated. Late assignments will drop 1 letter grade per class period late. An assignment more than 2 classes late will receive a 0. Missed class does not constitute an extension.

Sketching: The Art of Looking

Date:	Class:	Projects/Sketchbook
May 24 th	<ol style="list-style-type: none"> 1. Course Overview and Objectives 2. Doodling 3. Simple is effective 	<ul style="list-style-type: none"> • 1 second a day • Homework: Surface Test
May 27 th	<ol style="list-style-type: none"> 1. Don't look down 2. Brevity 3. Lines 4. Focus on remembering 	<ul style="list-style-type: none"> • 1 second a day • Before Class Read <i>Other People's Terrain</i>, Mark Cazalet
May 28 th	<ol style="list-style-type: none"> 1. Measurement 2. Proportion 3. Drawing Walks 	<ol style="list-style-type: none"> 4. 1 second a day 5. Before Class Read <i>Learning the City</i>, Liza Dimpleby
May 29 th	<ol style="list-style-type: none"> 1. Brussels 7am 2. 12-4:30 free time meet back at the gran place, leave at 5 back to Lille at 7pm 	<ul style="list-style-type: none"> • 1 second

Accuracy

May 30 th	<ol style="list-style-type: none"> 1. Drawing in the park/city 2. Roubaix. Will take transportation together. 	<ul style="list-style-type: none"> • 1 second a day • Before Class Read <i>Skill and Vision</i>, John Lessore
May 31 st	<ul style="list-style-type: none"> • No Class. 	<ul style="list-style-type: none"> • 1 second a day
June 3 rd	<ol style="list-style-type: none"> 1. PBA. On site drawing, meeting on location. 2. Homework Project: <u>Turning art on its head</u> 	<ul style="list-style-type: none"> • 1 second a day • Before Class Read <i>The Gallery as Visual Dictionary</i>, Ann Dowker
June 4 th	<p>➤ Artist Workshop</p>	<ul style="list-style-type: none"> • 1 second a day

June 5 th	<ol style="list-style-type: none"> 1. Bruges 2. Leave at 8am, get in 9, boat tour 45 minute finishes at 10:30-11 3. Free time 11:30-4:30 	<ul style="list-style-type: none"> • 1 second a day
June 6 th	<ol style="list-style-type: none"> 1. Drawing in the Park/market: Will meet on location. 2. Afternoon: Louvre-Lens Museum. Will take transportation together. 	<ul style="list-style-type: none"> • 1 second a day • Before Class Read <i>From the Studio to the Street</i>, Timothy Hyman
June 7 th	<ul style="list-style-type: none"> • No Class. 	<ul style="list-style-type: none"> • 1 second a day
June 10 th	<ul style="list-style-type: none"> • No Class. 	<ul style="list-style-type: none"> • 1 second a day

<h2>Perspective</h2>		
June 11 th	<ul style="list-style-type: none"> ➤ Artist Workshop 	<ul style="list-style-type: none"> • 1 second a day • Homework: Quietest Place
June 12 th	<ol style="list-style-type: none"> 1. Drawing in the Park/ Market: Will meet on location. 2. leper-dinner on ramparts. 	<ul style="list-style-type: none"> • 1 second a day
June 13 th	<ol style="list-style-type: none"> 1. How to create an illusion 2. Perspective 3. Afternoon: Villa Cavrois. Will take transportation together. 	<ul style="list-style-type: none"> • 1 second a day • Before Class Read <i>Buildings as Objects in Space</i>, Martin Shortis
June 14 th	No Class.	1 second a day

Explore: Drawing as thinking

June 17 th	1. Work on Projects	<ul style="list-style-type: none">• 1 second a day
June 18 th	1. Work on Projects	<ul style="list-style-type: none">• 1 second a day
June 19 th	1. Celebration: Review and Critique * Use feedback to work on drawings for the rest of the time in Lille. Turn in Final Project via Canvas.	<ul style="list-style-type: none">• 1 second a day