University at Buffalo
The State University of New York

EAS 198 The Places You Will Go
Registration #12345
First Year Seminar -- 1 credit
Fall 2016

COURSE INFORMATION

Date(s)/Time(s)

Location (Can be 100% Seated or Hybrid): To be taped so that a seated section can be offered and an on-line version for summer and winter sessions to accommodate guest speakers.

1 credit

Instructor
Jennifer L. Zirnheld
Office: 213 Davis Hall
Contact: zirnheld@buffalo.edu
Office hrs: flexible, by appointment

Teaching Assistant
To be Determined

COURSE DESCRIPTION
This course will focus on "Big ideas" to explore important educational, scholarly, economic and community challenges. These ideas will be organized around areas of university strength relating to one or more key themes and how these themes relate to the National Academy of Engineering Grand Challenges. Students will come together to address issues that have implications for understandings and solutions to key challenges leading students to engage with questions of significance in engineering and, ultimately, to connect their studies with issues of consequence in the wider world. This will help students to see their college career as a process of learning incorporating the resources of a comprehensive research university rather than a steady march to a certificate.

Course Prerequisites (if applicable): Clear description of prerequisite coursework or knowledge expected prior to the start of the course.

STUDENT LEARNING OUTCOMES
Having completed the One Credit First Year Seminar, students will be able to:

Course Learning Outcome	Maps to the Following Program Outcomes / Competencies:	Delivered through the Following Instructional Method(s):	Student Achievement Assessed with the Following Method(s)/Assignments:
1. Describe the unique character of higher learning in a university, such as deep domain knowledge, the role of research, and value of experiential learning.	UBGE, SUNY Critical Thinking, MSCHE Critical Analysis and Reasoning	Lecture, Class Participation, Reading assignments	E-Portfolio development, Research paper, attendance at a minimum of 3 experiential learning opportunities with reflection in E-Portfolio

Departments/programs may have additional requirements and/or may outline a particular format for the syllabus, so faculty should also check to make sure there are not additional guidelines they must follow.
* Undergraduate Only
** Graduate Only

2. Articulate the components of the UB General Education program and the integration of multiple disciplines.	UBGE, MSCHE Values, Ethics, & Diverse Perspectives	Lecture, Class Participation, Out of class assignments	Attendance at a minimum of 3 experiential learning opportunities, mentor/advisor meeting with reflection in E-Portfolio
3. Understand their chosen major or other fields of study and the key concepts that will be explored in those disciplines.	UBGE, MSCHE Values, Ethics, & Diverse Perspectives	Lecture, Class Participation, Out of class assignments	Ethics/Academic Integrity Code, Academic Plan and Resume, research and attend experiential activity, mentor/advisor meeting, reflection in e-portfolio
4. Understand the necessity for writing/communication in university and professional settings.	UBGE, SUNY Basic Communication, MSCHE Oral and Written Communication	Lecture, Class Participation, Out of class assignments	Attendance at a minimum of 3 experiential learning opportunities, mentor/advisor meeting, Ethics/Academic Integrity Code, Academic Plan and Resume, research and attend experiential activity, mentor/advisor meeting, reflection in e-portfolio
5. Initiate use of the eportfolio and select a thematic framework for the UB General Education program using articulated transfer and UB coursework.	UBGE, SUNY Information Literacy, MSCHE Technological Competency	Lecture, Class Participation, Out of class assignments	Attendance at a minimum of 3 experiential learning opportunities, reflection in e-portfolio

Note: UBGE = UB General Education; SUNY categories in the above table are those required by the SUNY General Education Program (http://system.suny.edu/media/suny/content-assets/documents/academic-affairs/general-education/GenedCourseGuidelines_20120530.pdf), and MSCHE categories represent the areas of general education required by the Middle States Commission on Higher Education.

COURSE REQUIREMENTS
- **Attendance/Class Participation**. Discussion is central to this seminar. Attendance and Class participation is required as outlined in specific assignments.

- **A paper/reflection**. Students will write a paper/reflection in eportfolio for assignments and excursions.

- **Final E-portfolio.** A final e-Portfolio submission which includes the first semester experience in the form of reflection with respect

GRADING POLICY

Grading
You will be given percentage scores for your attendance, participation, and e-portfolio reflections representing your absolute performance (i.e. not relative to other students' performance). Your final score for the course will be converted into a letter grade as follows: A = 94-100, A- = 90-93, B+ = 87-89, B = 84-86, B- = 80-83, C+ = 77-79, C = 74-76, C- = 70-73, D = 60-69, F = below 60.

Grading

Attendance/Participation	20%
e-portfolio assignments/reflections	80%
Total	100%

This course follows the university undergraduate incomplete policy (http://undergrad-catalog.buffalo.edu/policies/grading/explanation.shtml#incomplete) and the university undergraduate integrity policy (http://undergrad- catalog.buffalo.edu/policies/course/integrity.shtml)

Students can avail themselves of the resources of UB's Accessibility Resources Office (http://www.student-affairs.buffalo.edu/ods/).

Email Policy.
It is university policy that you are responsible for email send to your university address. I will send communication about this course to the university account associated with your UBIT name as it appears on UBLearns. You must check this account, and you are responsible for any adverse consequences (e.g. missed assignments or final exam date) resulting from your failure to do so. If you are not receiving email from me sent to the group while others are, you must resolve the problem with university computing staff.

Accessibility Services and Special Needs
Information about the Accessibility Resources office can be found at http://www.student-affairs.buffalo.edu/ods/. The office is located at 25 Capen Hall and the telephone number is (716) 645-2608. Student must register with that office in order to receive accommodation for physical and learning disabilities.

The University at Buffalo and the School of Engineering and Applied Sciences are committed to ensuring equal opportunity for persons with special needs to participate in and benefit from all of its programs, services and activities.

Academic Integrity
The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect for others' academic endeavors. By placing their name on academic work, students certify the originality of all work not otherwise identified by appropriate acknowledgments. For further information visit
http://undergrad-catalog.buffalo.edu/policies/course/integrity.shtml

Plagiarism detection software may be used by individual instructors or the institution to aid in determining the originality of student work

Week	Lecture
1	Grand challenges in engineering and UB theme's
2	Discussion on UB Themes and grand challenges. For example UB themes Justice, Innovation, and grand challenges Securing Cyber Space and Tools for Scientific Discovery
3	E-port - Workshop
4	Careers and Academic plans - thematic views
5	Resumania
6	Experiential learning - Professional Societies/Clubs

7	Mentor/Advisor day
8	Mock Interviews
9	Academic review
10	Libraries (how to get the information you need)
11	Experiential Learning - Shared Facilities SEAS
12	Experiential learning - Study Aboard
13	Experiential learning - Undergraduate research /fellowships and scholarships
14	Experiential learning - Community Service (UB\Professional\Otherwise)
15	Course design evaluations