



ENVI 394-01 SPRING 2019



CONTACT INFORMATION

Class Location & Times

OLRI 270, Tuesdays & Thursdays 3:00-4:30 PM

Instructor Email & Office

Dr. Raj V. Rajan, P.E.
RRajan@macalester.edu, Olin-Rice 249B

Office Phone & Hours

651-696-6826, Tues/Thurs 1:00-3:00 PM &
4:30-5:00 PM and by appointment

Course Pre-Requisites

ENVI 215, ECON 119 OR ECON 238



OVERVIEW & OBJECTIVES

The primary purpose of this class is to motivate and inspire students to discover new and impactful opportunities to shape sustainable societies through roles in the private sector, within the context of free societies (democracies) in a global free market.

While a strong understanding of scientific details is foundational, having a broad vision of the current landscape and a history of how it has evolved is critical to shaping our collective future, using tools beyond public policies and regulations.

I hope that, by the end of this semester, students will improve on their abilities to:

1. Interpret and critique prior or current approaches to sustainable development
2. Identify structural barriers and apply learnings from the class to challenge them
3. Engage in broad discussions with peers, both as an active participant and as a leader
4. Use the power of persuasion, utilizing verbal and written communication skills

MATERIALS & REQUIREMENTS

The intent of this syllabus is not to provide a one-stop source for all course materials like handouts and assignment descriptions. All course materials including lecture presentations, required reading, and assignments will be posted on the course Moodle page at moodle.macalaster.edu.

Students will be graded on-

1. attendance of classes and guest lectures
2. weekly written reflections (briefs) on short reading assignments before most classes
3. two or three small group projects, and
4. a final class paper on a specific subject to be identified.

We do not want grading during the semester to affect learning in this class. As a new teacher here, I will borrow on the approach taken by many of your other teachers- the 'Contract for B'.

1. Don't miss more than 3 classes. Three late arrivals or departures count as one miss.
2. Be an active and engaged participant in class
3. Complete all assignments on time- we will follow the Moodle timestamp.
4. By the end of the semester, submit your completed portfolio with revisions by incorporating my feedback and inputs





DRAFT LESSION PLAN

Please consult the Moodle site for this class to access details on the lesson plan, lesson calendar and reading/ writing assignment deadlines, as they will evolve based on your interactive inputs in class.

1. Course Structure & Introductions (1/24)
2. Triple Bottom Line (TBL/3BL) Accounting
 - a. People (1/29, 1/31, 2/5)
 - b. Planet (2/7, 2/12, 2/14)
 - c. Profits (2/21, 2/26, 2/28)
3. *No class on 2/19 (instructor out of town)*
4. Free Market Capitalism & Social Responsibility
 - a. Adam Smith to Milton Friedman (3/5)
 - b. Jack Welsh to Cook & Polman (3/7)
5. Internalizing Environmental Externalities
 - a. Government Regs (3/12, 3/14)
 - b. Govt guidance, IGAs goals (3/26, 3/28)
 - c. NGO/ Academic work (4/2, 4/4, 4/9)
 - d. Voluntary Private (4/11, 4/16, 4/18)
6. Emerging Market Trends
 - a. TruCost & SOGB (4/23, 4/25)
 - b. RE/EV/EP100, SASB etc. (4/30, 5/2)

“**Education** either functions as an instrument which is used to facilitate integration of the younger generation into the logic of the present system and bring about conformity to it, or it **becomes 'the practice of freedom,' the means by which men and women deal critically and creatively with reality and discover how to participate in the transformation of their world.**”

- **Richard Schull, Forward to Pedagogy of the Oppressed**



OTHER COURSE CONSIDERATIONS

FINAL GRADE

While you will get feedback on your work throughout the semester, your final portfolio will be the only one graded, with credit beyond the B-contract for revisions and improvements.

ADDITIONAL RESOURCES

The MAX Center (<https://www.macalester.edu/max/writing/>) located in Kagin Commons, has peer tutors to help students.

ACCOMODATION

As with all Macalester faculty, I am committed to supporting all students in my class. If any aspects of this course pose barriers to your ability to access or demonstrate mastery of content, please let me know. I will make reasonable academic accommodations. If you believe that you need formal accommodations, please contact Allie Quinn, Director of Disability Services, at aquinn2@macalester.edu or x6874.


ACADEMIC HONESTY & INTEGRITY

Honesty and integrity are foundational to learning. As noted in <https://www.macalester.edu/library/academicintegrity/> "Academic Integrity is being honest about your work and acknowledging the work of others."

Writing assignments are often used as examples of how to avoid plagiarism. Always use quotations, special formatting and punctuations to identify specific words in your written assignments that were sourced from another individual's prior written work. Follow citations guidelines from the link above.

One aspect of learning that extends outside the classroom is when you engage in extended and deep conversations about subjects from your classes and assignments with friends, roommates and classmates. This is to be encouraged. When incorporating learnings from these discussions into your assignments, apply a simple self-assessment rule: if the degree to which you incorporate inputs would require you to cite them as noted above, you might be crossing the line.

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**INTEGRITY IS DOING
THE RIGHT THING, EVEN
WHEN NO ONE IS
WATCHING.**

C.S. LEWIS

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