## Challenge 2050: Creating Solutions
ALS 4419, 1 credit, Fall Semester

**Course Instructor:**
Dr. Matthew Sowcik
Tel. 352.273.2654 | Email. sowcik@ufl.edu | Office. 217 Rolfs Hall
**Office Hours:** Office Hours are built into the class. If you need additional time above what is provided in the course, I would be happy to set up additional hours by appointment.

## Course Overview
This course creates a capstone experience for the Global Challenge Certificate. Throughout this course, students will demonstrate and apply knowledge, skills, and dispositions in assigned transdisciplinary teams. This course is a direct reflection of the "real work, for real problems, for real people" concept and is a critical part of the challenge-based authentic learning approach.

## Course Objectives
Given participation in the course, students will have the opportunity to engage in the mastery of the following objectives:

1) Gain experiential knowledge associated with the process of accomplishing strategic goals with interdisciplinary classmates
2) Recognize how completion of a developed action has tangible value and community-level application
3) Explore adaptive challenges and advance adaptive capacity for the development and implementation of solutions associated with global population fluctuation
4) Develop confidence and commitment for community and global leadership

## Course Structure
Progression through this course is self-directed with instructor led parameters. Students will formally meet every Wednesday to plan and complete the two major assignments. The instructor will facilitate team building and leadership development efforts while serving as a resource during this process.

## Course Requirements
*Attendance* - The course is designed to encourage active learning, therefore being present in class is extremely important. Students will receive 1/3 of their grade for showing up to class prepared to discuss their ideas and the information from the course.

EDIS Publication – Students will be preparing an EDIS publication on the issue they have researched throughout the program or another (similar) issue within Agriculture and Natural Resources. This will count for 1/3 of their grade.

ReCap Article (Major Project) – The student will be asked to reflect on their time in the program and write an article that details their learning throughout. The projects objectives, rubrics, and

additional information will be provided on October 27th (during class). The major project is worth 1/3 the students grade.

**Course Grading Scale**:

| A | 93.4-100 % | A- | 90-93.3% | B+ | 86.7-89.9 % | B | 83.4-86.6 % |
|---|---|---|---|---|---|---|---|
| B- | 80-83.3 % | C+ | 76.7-79.9 % | C | 73.4-76.6 % | C- | 70-73.3 % |
| D+ | 66.7-69.9 % | D | 63.4-66.6 % | D- | 60-63.3 % | E | <60.0 % |

University of Florida Grade & Grade Points Policy can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx#grades.

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester. Students will be given specific times when the evaluations are available. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.

**Course Policies:**

**E-Learning:** All students are expected to check E-Learning (http://lss.at.ufl.edu) on a regular basis.  Please ensure that you have access to this service.  Grades are posted here.

**Academic Integrity: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.**

In the fall of 1995, the UF student body enacted a new honor code and voluntarily committed itself to the highest standards of honesty and integrity (See UF Rule 6C1-4.017). Students are required to be honest in all of their university class work. Faculty members have a duty to promote ethical behavior and avoid practices and environments that foster cheating. Faculty should encourage students to bring incidents of dishonesty to their attention. A faculty member, in certain circumstances, can resolve an academic dishonesty matter without a student disciplinary hearing. The procedures and guidelines are available from the Student Guide. All students at the University of Florida have pledged, *On my honor, I have neither given nor received unauthorized aid in doing this assignment* (2014-2015 Undergraduate Catalog).

**Software Use:** All UF faculty, staff and students are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, appropriate disciplinary action will be taken.

**Campus Helping Resources:**
Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.
       **Health and Wellness**

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*U Matter, We Care*: If you or someone you know is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu), 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.

*Counseling and Wellness Center*: [Visit the Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.

*Student Health Care Center*: Call 352-392-1161 for 24/7 information to help you find the care you need, or [visit the Student Health Care Center website](#).

*University Police Department*: [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).

*UF Health Shands Emergency Room / Trauma Center:* For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road,
Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website](#).

## Academic Resources

*E-learning technical support*: Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu).

[*Career Connections Center*](#): Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

[*Library Support*](#): Various ways to receive assistance with respect to using the libraries or finding resources.

[*Teaching Center*](#): Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

[*Writing Studio*](#)*:* 2215 Turlington Hall*,* 352-846-1138. Help brainstorming, formatting, and writing papers.

*Student Complaints On-Campus*: [Visit the Student Honor Code and Student Conduct Code webpage for more information](#).

*On-Line Students Complaints*: [View the Distance Learning Student Complaint Process](#).

**In-Class Recording:**
- Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other

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purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

- A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

- Publication without permission of the instructor is prohibited. To "publish" means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

**Services for Students with Disabilities:**
The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. Students should follow this procedure as early as possible in the semester. 0001 Reid Hall, 352-392-8565, **www.dso.ufl.edu/drc/**

**Course Schedule**

|         | Date  | Topic                          |
|---------|-------|--------------------------------|
| Week 1  | 8-23  | Intro and Class Setup          |
| Week 2  | 8-28  | Discussing the EDIS Publication|
| Week 3  | 9-4   | Stay Connected to Your Purpose |
| Week 4  | 9-11  | Engage Courageously            |
| Week 5  | 9-18  | Inspire People                 |
| Week 6  | 9-25  | Check In                       |
| Week 7  | 10-2  | Run Experiments                |
| Week 8  | 10-9  | Google Sprint Process          |
| Week 9  | 10-16 | Presenting EDIS                |
| Week 10 | 10-23 | Recap Article Major Assignment |
| Week 11 | 10-30 | Thrive                         |

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| Week 12 | 11-6 | Check In |
|---------|------|----------|
| Week 13 | 11-13 | Collective Action |
| Week 14 | 11-20 | |
| Week 15 | 11-27 | Check In |
| Week 16 | 12-4 | Final Presentation |

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