

Arizona State University
Ira A. Fulton Schools of Engineering

Contact Information

Instructor: Ross Maciejewski rmacieje@asu.edu
Time: Friday 9:00 – 10:15am BYAC 110
Office Hours: By Appointment
Website: Canvas

Course Description:

CSE691 has been created to introduce you to concepts in SCAI research and to help prepare you for beginning your PhD.

Course Objectives:

The course is a 15 weeklong, one-credit course designed to teach students about SCAI research including identifying research topics, literature reviews, and proposal writing. The class will culminate in each student writing a research syllabus.

Textbook: None

Learning Outcomes:

As a result of taking this class you will:

1. Learn the basics of developing a research proposal
2. Learn how to identify research topics through literature reviews
3. Understand the role of academic integrity in becoming an ethical and responsible researcher
4. Understand the exciting research opportunities available to PhD students
5. Learn about interesting research topics in your specific field

Grade Policies:

In-class work 80% (class attendance will count heavily towards this)

Assignments 20%

Grade Policies:

A	$\geq 90\%$
B	$\geq 80\%$ and $< 90\%$
C	$\geq 70\%$ and $< 80\%$
D	$\geq 60\%$ and $< 70\%$
E	$< 60\%$

Absence policies and the conditions under which assigned work and/or tests can be made up:

- a. In general, no late assignments will be accepted except in the case of extreme circumstances with documentation.
- b. Excused absences for classes will be given without penalty to the grade in the case of (1) a university-sanctioned event [ACD 304-02]; (2) religious holidays [ACD 304-04]; a list of religious holidays can be found here <https://eoss.asu.edu/cora/holidays> ; (3) work performed in the line-of-duty according [SSM 201-18]. Students who request an excused absence must follow the policy/procedure guidelines. Excused absences do not relieve students of responsibility for any part of the course work required during the period of absence.

Given that this class is weighed heavily towards in-person attendance to learn from our speakers, for items falling under b., a writing assignment will be used to cover the missed seminars only in case of approved absences.

Weekly Schedule (Order and due dates subject to change depending on guest speaker availability and other unforeseen circumstances.):

Class	Tuesday
August 23 rd	Lecture 1 – Introduction to PhDs in SCAI
August 30 th	Presenter: Dr. Sandeep Gupta Presenter: Dr. Nakul Gopalan
September 6 th	Presenter: Dr. Vivek Gupta Presenter: Dr. Huan Liu
September 13 th	PhD Fall Welcome Event Assignment 1 Due
September 20 th	Presenter: Dr. Jaron Mink Presenter: Dr. Baoyu Zhou
September 27 th	Presenter: Dr. YooJung Choi Presenter: Dr. Zhichao Cao
October 4 th	Presenter: Dr. Adam Doupe Presenter: TBD Assignment 2 Due
October 11 th	Presenter: Dr. “YZ” Yang Presenter: Dr. Hokeun Kim
October 18 th	Presenter: TBD Presenter: TBD

October 25 th	Presenter: Dr. Deniz Berfin Karakoc Presenter: Dr. Muslum Ozgur Ozmen
November 1 st	Presenter: Dr. Chenkai Weng Presenter: TBD Assignment 3 Due
November 8 th	Presenter: TBD Presenter: TBD
November 15 th	Presenter: TBD Presenter: TBD
November 22 nd	Presenter: Dr. Jia Zou Presenter: TBD
November 29 th	NO CLASS (Thanksgiving-ASU Holiday)
December 6 th	Presenter: TBD Presenter: TBD Assignment 4 Due

Expected Classroom Behavior:

Students in this class are expected to acknowledge and embrace the FSE student professionalism expectation located at: <https://engineering.asu.edu/professionalism/>

Regrades: Regrades must be requested within 2 weeks of the grade being returned.

Laptops in class: Students are only permitted to have laptops open in the classroom for taking notes. Any infraction will result in your laptop privileges being revoked. Cell phones are not allowed out in class.

Incomplete Grades: A course grade of "Incomplete" will be given only in extreme situations because the sad story is that most students who request incompletes never finish the course.

Please visit <http://www.asu.edu/registrar/forms/regforms.html> under the Academic Record Forms section for the Incomplete Grade Request form, which is available in both Word and as a PDF. The form must be completed by the student, signed by the student, the instructor, and the department chair or school director. The completed form must be filed with Janice Frangella (Bell Hall, Room J7 before the grade of "I" is given.

Academic Integrity

Students in this class must adhere to ASU's academic integrity policy, which can be found at <https://provost.asu.edu/academic-integrity/policy>). Students are responsible for reviewing this policy and understanding each of the areas in which academic dishonesty can occur. All engineering students are expected to adhere to the ASU Academic Integrity [Honor Code](#).

All work submitted for the course cannot have been submitted for any other course or any previous section of this same course. Student academic integrity violations are reported to the Fulton Schools of Engineering Academic Integrity Office (AIO). Withdrawing from this course will not absolve you of responsibility for an academic integrity violation and any sanctions that are applied. The AIO maintains a record of all violations and has access to academic integrity violations committed in all other ASU college/schools.

Unless explicitly allowed by your instructor, the use of generative AI tools on any course assignment or exam will be considered academic dishonesty and a violation of the ASU Academic Integrity Policy. Students confirmed to be engaging in non-allowable use of generative AI will be sanctioned according to the academic integrity policy and FSE sanctioning guidelines.

Student Copyright Responsibilities

You must refrain from uploading to any course shell, discussion board, or website used by the course instructor or other course forum, material that is not the student's original work, unless the student first complies with all applicable copyright laws; faculty members reserve the right to delete materials on the grounds of suspected copyright infringement.

The contents of this course, including lectures and other instructional materials, are copyrighted materials. Students may not share outside the class, including uploading, selling or distributing course content or notes taken during the conduct of the course. Any recording of class sessions by students is prohibited, except as part of an accommodation approved by the Disability Resource Center. (see [ACD 304-06](#), "Commercial Note Taking Services" and ABOR Policy [5-308 F.14](#) for more information).

Policy against threatening behavior, per the Student Services Manual, [SSM 104-02](#)

Students, faculty, staff, and other individuals do not have an unqualified right of access to university grounds, property, or services (see [SSM 104-02](#)). Interfering with the peaceful conduct of university-related business or activities or remaining on campus grounds after a request to leave may be considered a crime. All incidents and allegations of violent or threatening conduct by an ASU student (whether on- or off-campus) must be reported to the ASU Police Department (ASU PD) and the Office of the Dean of Students.

Disability Accommodations

Suitable accommodations are made for students having disabilities. Students needing accommodations must register with the ASU Student Accessibility and Inclusive Learning Services office and provide documentation of that registration to the instructor. Students should communicate the need for an accommodation in enough time for it to be properly arranged. See [ACD 304-08](#) Classroom and Testing Accommodations for Students with Disabilities.

Harassment and Sexual Discrimination

Arizona State University is committed to providing an environment free of discrimination, harassment, or retaliation for the entire university community, including all students, faculty members, staff employees, and guests. ASU expressly prohibits discrimination, harassment, and retaliation by employees, students, contractors, or agents of the university based on any protected status: race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, and genetic information.

Title IX is a federal law that provides that no person be excluded on the basis of sex from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity. Both Title IX and university policy make clear that sexual violence and harassment based on sex is prohibited. An individual who believes they have been subjected to sexual violence or harassed on the basis of sex can seek support, including counseling and academic support, from the university. If you or someone you know has been harassed on the basis of sex or sexually assaulted, you can find information and resources at <https://sexualviolenceprevention.asu.edu/faqs>.

As a mandated reporter, I am obligated to report any information I become aware of regarding alleged acts of sexual discrimination, including sexual violence and dating violence. ASU Counseling Services, <https://eoss.asu.edu/counseling> is available if you wish to discuss any concerns confidentially and privately. ASU online students may access 360 Life Services, <https://goto.asuonline.asu.edu/success/online-resources.html>.

Syllabus changes:

Any information in this syllabus (other than grading and absence policies) may be subject to change with reasonable advance notice.

How Long Students Should Wait for an Absent Instructor:

In the event the instructor fails to indicate a time obligation, the time obligation will be 15 minutes for class sessions lasting 90 minutes or less, and 30 minutes for class sessions lasting more than 90 minutes. Students may be directed to wait longer by someone from the academic unit if they know the instructor will arrive shortly.

Photo requirement:

Arizona State University [requires](#) each enrolled student and university employee to have on file with ASU a current photo that meets ASU's requirements (your "Photo"). ASU uses your Photo to identify you, as necessary, to provide you educational and related services as an enrolled student at ASU. If you do not have an acceptable Photo on file with ASU, or if you do not consent to the use of your photo, access to ASU resources, including access to course material or grades (online or in person) may be negatively affected, withheld or denied.