

Problems in Computer and Cyber Sciences – 8720

Spring 2021

Last update: August 9, 2021

Quick Facts

- *All the information in this syllabus is subject to change, especially regarding the schedule and evaluation.*
- Class meets Wednesday, 3:00 PM–5:00 PM in [University Hall](#), 122.
- The instructor’s contact and office hours are at spots.augusta.edu/caubert/#contact.
- You can [download this syllabus](#).

Presentation

Factual

This is CSCI 8720 - Problems in Computer and Cyber Sciences, a graduate semester class of 3.000 credits, whose pre-requisite is permission of Instructor. We will *not* be using an hybrid course model, the class will be fully face-to-face, but we will enforce the University’s [regulations on social distancing and face covering](#).

Course Description

The student and the advisor identify a topic of mutual interest and establish a list of papers to be carefully studied. The student studies the papers, writes a detailed and critical summary of the papers and synthesizes an understanding of the current state-of-the-art. This is followed by the formulation of open questions that will be worthy of future research. Interesting results are disseminated via presentations.

Learning Outcomes

Upon successful completion of this class, the student will be able to:

- Survey and present research problems and results based on the literature.
 - Formulate research problems.
 - Present topics in research areas related to faculty advisor's research interests.
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Planned Course Schedule

Class meets every week, following a pattern yet-to-be-agreed upon.

This schedule is subject to change and enhancements, but provide an indication of the pace, assignments, and major deadlines that you will need to plan for the semester.

Grade

- *Format:* A presentation to the Faculty Advisor and fellow graduate students on the literature studied in 8720 and associated open problems identified.
 - *Grade:* The student receives a Pass or Fail for the examination depending upon whether they have understood the papers reviewed and demonstrate ability to synthesize and identify new research opportunities.
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Covid

The University has implemented specific requirements to minimize exposure to COVID-19 and support the safety of all during the pandemic. These requirements apply to all persons on campus (faculty, staff, students, and visitors). These requirements are subject to change. Visit jag-wire.augusta.edu/coronavirus/ and augusta.edu/covid-resources/ for the latest details.

If you are unsure about the procedure to adopt, please refer to the [protocols - guidelines](#). If you need to miss class to self-isolate or get tested, please notify me at your earliest convenience.

Where to Go for More Information About COVID-19?

- Augusta University COVID-19 resources
 - Campus Reopening: augusta.edu/covid-resources/
 - Resource page for students: augusta.edu/student-affairs/student-resources/
 - COVID-19 resources on Jagwire jagwire.augusta.edu/coronavirus/
- Guidance on symptoms and getting tested
 - Free virtual screenings: augustahealth.org/covid-19
 - AU Health System COVID-19 Hotline: 706-721-1852
 - Student Health Clinic: 706-721-3448 or augusta.edu/shs/

Legal and Recommendations

Academic Integrity

The University's [Student Code of Conduct](#), the [student's manual](#), the [academic regulations](#) as well as the [applicable policies](#) are supposed to be known by the students and will be enforced.

Section 5.2, Academic Conduct of the [student's manual](#) defines precisely what kind of collaborations are acceptable. As long as you do not lie, cheat, plagiarize, assist others or being assisted by others without authorization, we should not need any of that. If you are unsure about whether or not certain kinds of collaboration are permissible, please ask me.

Universal Design

I am committed to the founding principles of [Universal Design](#), and to make [my lecture accessible to every one](#). Concretely, that means that I'm not requiring you to use a particular Operating System, that I always try to give the information repeatedly, and using multiple channels, that I am available over the phone, email, or in my office. If you are registered with [Testing and Disability Services](#), please see me at your earlier convenience to discuss accommodations.

Campus Carry Legislation

Please be aware of the [USG guidance on House Bill 280](#). Note that you **may not** carry a handgun if high school students are enrolled in the class, and that it is your responsibility to visit the registrar to determine whenever this is the case or not.

Miscellaneous

- Reservation of rights: I reserve the right to change this syllabus without limitation and without prior notice. If I do substantially modify any item or policy, I will notify you during a lecture, or send an e-mail to your augusta.edu e-mail account.
- Download a [pdf version](#) of this page.
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