CS491: ICSSP Seminar  
Spring 2017 Syllabus

This is a tentative syllabus. The instructors reserve the right to change the course plan as the semester progresses.

Time: Mondays, 5:00–7:00 p.m.

Location: 301 Coordinated Science Lab

Room Changes for Spring 2017:
- March 6th – CSL 141

Instructor Information: This seminar will be conducted by Prof. Roy Campbell, Prof. Masooda Bashir and Dr. Jane Blanken-Webb.

Questions: Any general questions about the course should be emailed to Jane Blanken-Webb: blankenw@illinois.edu; CSL 441.

Course Description:

This course will be a 2-credit seminar for both undergraduate and graduate students admitted to the Illinois Cyber Security Scholar Program (ICSSP). In addition, this course will be open to all College of Engineering students interested in topics of information assurance (IA) and trust.

The goal for this seminar is to engage students interested in the field of cyber security. In addition, the seminar is designed to facilitate students in becoming leaders in an IA forum on campus.

The seminars will feature expert guest speakers from industry and government working in IA subject matter, community leaders, distinguished external researchers, faculty, and students discussing both the technical challenges and limitations of IA. The seminar will require students to do activities in the following three broad areas:

1. Technical aspects related to security.
2. Participation in competitions.
3. Organizing outreach events.
4. Seek and secure a summer internship or full time employment.

Seminar/Program Requirements:
- Attendance at all the seminars and related events is required. If you miss more than 3 seminars, you need to get approval from ICSSP leadership for continuation of the semester, or from an ICSSP advisor.
- Students are required to give at least 1 presentation during the seminar.
  - First year students will select and present on a security/privacy related topic of interest. This may be done in a group or individually.
  - Graduating students will present on their research project during the second half of April.
- Students are expected to participate in a cyber competition or organize and offer a cyber competition.
  - For example, students may choose to participate in the National Cyber Collegiate Defense Competition.
- Participate in organizing at least one cybersecurity awareness event.
• Respond to emails in a timely manner for all ICSSP related matters.
• Meet with program advisor (Jane Blanken-Webb) as requested to discuss academic progress.

**Undergraduate Students**

• Updated requirements for undergraduate students can be found at:
  [http://publish.illinois.edu/cybersecurityscholars/undergraduate-curriculum/](http://publish.illinois.edu/cybersecurityscholars/undergraduate-curriculum/)

**Graduate Students**

• *Updated requirements for graduate students can be found at:*
  [http://publish.illinois.edu/cybersecurityscholars/graduate-curriculum-requirements/](http://publish.illinois.edu/cybersecurityscholars/graduate-curriculum-requirements/)

**Law Students**

• Updated requirements for law students can be found at:
  [http://publish.illinois.edu/cybersecurityscholars/law-student-curriculum/](http://publish.illinois.edu/cybersecurityscholars/law-student-curriculum/)

**The ICSSP seminar will be based on student participation.**

**Course schedule to be updated weekly!**