

# CS 3321 and INFO 3307/5307

## Homework 1 – Process and Requirements

Assigned: September 02, 2019  
Due: September 13 @ 2300h

### Questions (50 points)

- ① Provide a number of examples (positive or negative) that indicate the impact of software on our society. (10 points)
- ② As software becomes more pervasive, risk to the public become an increasingly significant concern. Develop a doomsday but realistic scenario in which the failure of a computer program could do great harm, either economic or human. (10 points)
- ③ Write a User Story that describes the "favorite places" or "favorites" feature available on most web browsers. (10 points)
  - Include the standard User Story Description, and
  - Acceptance Criteria for this feature
- ④ You have been asked to develop a small application that analyzes each course offered by a university and reports the average grade obtained in the course (for a given term). Write a statement of scope that bounds the problem. (10 points)
- ⑤ Research the agile models XP and Scrum and compare and contrast them in the context of the generic framework activities? Build a table that maps the generic activities into the activities defined for each agile process. (10 points)

### Submission

Submit a **PDF file** to Moodle by the deadline noted above. Any other file format will not be accepted. Late assignments will be handled according to the late assignment policy.