



Software Engineering
CSC 4350/6350
 Critical Thinking Through Writing (CTW)
 Fall 2019

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Logistics

- ✦ Tuesday and Thursday, 12:30pm to 2:15pm
- ✦ Aderhold Learning Center, room 31
- ✦ Communications:
 - Email: wjohnson6@gsu.edu (put course in subject line!)
 - Emergency Text: 404.348.6923 (<name>,<course>, <question>)
 - Google Hangouts: william.johnson.gsu@gmail.com
 - Office Hours:
 - Mon - 3:00pm to 5:30pm or by appointment (warning!!)
 - Location: 25 Park Place, 6th Floor, room 648
 - iCollege: Updates, Schedule, Grades, and Files
- ✦ **GitHub** – Repository of you team work, documents, etc.
- ✦ **ZenHub** – Tracking of Sprints and team assests
- ✦ **SLACK** – Mandatory communications for teams
- ✦ **Gmail** – used for all cloud connections



Introduction of Course

- ✦ Syllabus (course overview)
- ✦ Course Grading
- ✦ Project (big % of grade)
- ✦ Exams (midterm and final)
- ✦ Attendance and Tardiness



Instructor & TA

- ◇ Who am I?
- ◇ Why am I here?
- ◇ Teaching Assistant:



Learning Outcomes

- ◇ Software Engineering Fundamentals
 - Ability to apply knowledge of math, and computer science
 - Ability to design a system, component, or process within related requirements
 - Ability to communicate effectively and function on teams
 - Ability to identify, formulate, and understand complex problems using software as a solution
- ◇ Software Engineering Specifics
 - Engage with standard tools using UML, version control/repository, collaboration, and AGILE / scrum analysis
 - Express abstract concepts through descriptive, targeted documentation
 - Understand standards of documentation, security, and ethics as they relate to software creation
 - Understand the roles involved in AGILE / scrum methodology and demonstrate such understanding through classroom presentations



Course Grading

Undergraduate Students (CSC4350):

- ◇ Project 50%
- ◇ Mid-Term 20%
- ◇ Final Exam 20%
- ◇ Attendance 10%

Score scale:
A+, A, A- = 90-100
B+, B, B- = 80-89
C+, C = 70-79
D = 60-69
F = 0-59



Course Grading

Graduate Students (CSC6350):

- ◇ Project 40%
- ◇ Mid-Term 20%
- ◇ Paper/Presentation 30%
- ◇ Attendance 10%
- ◇ No Final Exam

Score scale:
 A+, A, A- = 90-100
 B+, B, B- = 80-89
 C+, C = 70-79
 D = 60-69
 F = 0-59



IMPORTANT...

* Note that attendance points will be zero if recordings <= 74.9999 %



Project Components

- ◇ Teams
 - Roles
 - Project Manager / Leader
 - Scrum Master
 - Sr. Developer (developer1)
 - Jr. Developer (developer2)
 - QA / Tester
 - Rotation (5)
- ◇ SPRINT
- ◇ Team Presentations
- ◇ Final VIDEO (everyone)



Project Grading

- ✧ Undergraduate Students (CSC4350): 50%
 - Team Presentations = 65 points
 - Individual Video demonstration = 35 points

- ✧ Graduate Students (CSC6350): 40
 - Team Presentations = 75 points
 - Individual Video demonstration = 25 points

✧ **Project Grading Scale for Rotating SCRUM Roles:**

- Project Manager: 45%
- Scrum Master: 25%
- (Developer 1, Developer 2, QA/Tester): 10% each



Questions?
Comments?