CS 225: Research Writing for Computer Science

CS 225 (4.0 units)  Instructor: Dr. Kathy Macropol
Spring 2019  Office: Boyer Hall, Room 337
Room: Boyer Hall, Room 019  Email: macropolk@arcadia.edu
Time: TR 10:20 – 12:00pm  Phone: (215) 517-2677

Course Objectives:
This course satisfies the Research Writing (RW) requirement of the Arcadia University Curriculum for students majoring in computer science (CS) and computer technology (CT). Intended for second-semester sophomores, it focuses on helping students gain facility with the major types of computer science writing including instructions, manuals, code documentations, literature reviews, paper critiques, data presentations, and research proposals. To provide subject matter for these writings, a number of computer science concepts will also be covered. Exposure to these topics and the ability to express them clearly will serve students well in their higher-level coursework in computer science and in their careers.

Prerequisites:
EN 101
CS 201
MA 230

Textbook and materials:
All textbooks are optional for the class.
3. An Introduction to LATEX, Free online resource at http://www.latex-project.org/intro.html

Learning Resources:
- Important course materials, such as the syllabus, slides, assignments and announcements will be posted on Canvas. Canvas will be used extensively, so familiarize yourself with this site. I expect students to check the bulletin board of the course site on Canvas regularly.
- At Arcadia:
  - Me
  - Tutors from the university's learning resource network (LRN) (https://www.arcadia.edu/academics/academic-support/learning-resource-network)
**Class Attendance:**
You are expected to attend classes regularly. Showing up on time and staying throughout the class results in full attendance credit for that class period. There are more attendance credits than class days, so having perfect attendance, for example, will result in extra credit!

Should you have to miss a class meeting, it is your responsibility to find out what has been taught that day and make up the work.

**Assignments / Quizzes**
There will be 9 assignments / quizzes. The *tentative* topics for these are as follows:

1. Quiz: “Intro to LaTeX Documents"
3. Quiz: “JavaDocs”
4. Assignment: “Java Docs”
5. Quiz: “Software Engineering”
6. Assignment: “Data Presentation”

Assignments must be completed **before midnight** on the day they are due.

**Evaluation**
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**Note:** Blue numbers mean exclusive

**Academic Honesty**
Every University student is responsible for upholding the provisions of the Student Code of Conduct, as published in the Arcadia University Student Handbook. The Student Code of Conduct addresses the University's policy on academic honesty, including provisions regarding plagiarism and cheating, unauthorized access to University materials, misrepresentation/falsification of University records or academic work, malicious removal, retention, or destruction of library materials, malicious/intentional misuse of computer facilities and/or services, and misuse of student identification cards. Students are encouraged to study together and to work together on class assignments and lab exercises; however, academic honesty will be strictly enforced in this class.
If you are not sure, check with your instructor. Finally, I reserve the right to ask you to explain your assignments to me.

**Note:** This syllabus is a guideline; I reserve the right to change dates and add/subtract assignments and quizzes as necessary. If you do not come to class, you are responsible for contacting me or other members of the class to find out if any changes have been made.

**Important Dates**

Course changes – drop/add: Jan 14 – Jan 28
Undergraduate course withdrawal with adviser's approval: Jan 29 – Apr 1
Undergraduate course withdrawal with extenuating circumstance: Apr 2 – May 7
Priority-registration for Fall 2019: Apr 1 – Apr 12

Any student who feels s/he may need an accommodation based on a disability should contact **Disabilities Support Services** in the Office of Academic Development in Knight Hall to coordinate reasonable accommodations for students with documented disabilities.

Arcadia University is committed to assuring a safe and productive educational environment for all students. In order to meet this commitment and to comply with Title IX of the Education Amendments of 1972 and guidance from the Office for Civil Rights, the University requires faculty members to report incidents of sexual violence shared by students to the University’s Title IX Coordinator. The only exceptions a faculty member’s reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project.

Information regarding the reporting of sexual violence and the resources that are available to victims of sexual violence is set forth at https://www.arcadia.edu/university/policies-guidelines/title-ix