CS 378: Artificial Intelligence

CS 378 (4.0 units)
Fall 2018
Room: Boyer Hall, Room 014
Time: MWF 2:45 – 3:50pm

Instructor: Dr. Kathy Macropol
Office: Boyer Hall, Room 337
Email: macropolk@arcadia.edu
Phone: (215) 517-2677
Office Hours: Tue 3:00 – 4:00 and by appointment.

Course Objectives:
This introduction to basic concepts and techniques of intelligent systems includes insights into active research areas and applications, strategies for choosing representations, notational systems and structures, natural languages, vision systems, search strategies and control.

Prerequisite:
CS 202 or instructor permission.

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 course site on Canvas regularly.
- At Arcadia:
  - Me
  - Tutors from the university's learning resource network (LRN)

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
There will be multiple homework assignments during this semester.

Assignments must be completed by midnight the day they are due. Complete assignments turned in on time receive extra credit points. After the due date, there will be a 48 hour grace period where assignments may still be turned in for full credit (without extra credit points). After 48 hours, a deduction of 20% is made each additional day the assignment is late.

Assignments will be submit through Canvas.
Section Quizzes
There will be multiple section quizzes. The scores for the lowest two quizzes will be dropped, to take into account sicknesses or bad days. There will be no other late or make-up quizzes. A missed quiz results in a score of zero for that quiz.

Final Project
There will be one final project (worked in groups or individually). This project will include a significant coding portion, as well as a short writeup and in-class presentation. More info on the project will be given as the semester progresses.

Final Exam
There will be a comprehensive cumulative final near the end of the semester. As it is comprehensive, it is in your best interests to ensure that you are able to solve every problem in the preceding assignments and quizzes, as similar questions might occur again during the final.

Attendance on the final is mandatory. In case of emergency, you must leave me a voice-mail or e-mail message before the schedule time.

Evaluation
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Note: Blue numbers mean exclusive

Academic Honesty
You are expected to adhere to the code of academic honesty of Arcadia University.

You may discuss course material and help one another; however, borrowing others' code or sharing implementation details is absolutely not allowed. A simple way to avoid inadvertent plagiarism is to talk about the assignments, but don't read each other's work or write solutions together. If two people share the same code or share implementation details, both parties will be considered as conducting plagiarism.

If you are not sure, check with your instructor. Finally, I reserve the right to ask you to explain your assignments to me.
Important Dates

Course changes – drop/add: Aug 29 – Sep 12
Undergraduate course withdrawal with adviser's approval (w): Sep 13 – Nov 13
Undergraduate course withdrawal with by petition (WP/WF): Nov 14 – Dec 18
Priority-registration for Spring 2019: Oct 29 – Nov 9

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