Artificial Intelligence -- CS420 (Summer 2018)

Dr. Fang (Daisy) Tang  
Office: Room 8-49  
Phone: (909) 869-2157  
Email: ftang@cpp.edu  
URL: www.cpp.edu/~ftang/  
Office Hours: T/Th: 2:00pm – 3:00pm (8-49).

Time and Place: T/Th, 9:00am – 12:50pm, Room 8-345

Class Website: www.cpp.edu/~ftang/courses/CS420/

Class Email List: cs42001@cpp.edu

Course Description: This course covers the breadth of the field of AI, including problem solving, logic, knowledge, planning, reasoning and uncertainty.


Prerequisites: CS 311 with a grade C or better, or consent of instructor.

Exam Dates: Please see our course website.

Evaluation:  
Grading will be based on the following components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation</td>
<td>10%</td>
</tr>
<tr>
<td>Midterm 1</td>
<td>17%</td>
</tr>
<tr>
<td>Midterm 2</td>
<td>18%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td>Projects</td>
<td>30%</td>
</tr>
</tbody>
</table>

Note that the instructor reserves the right to curve the grades upwards if it’s appropriate.

Class Policies and Support:

- **Class participation**: Class participation includes doing in-class exercises, speaking in class during the discussion, asking course-related questions, answering questions, etc. In the event of an absence, it is the student’s responsibility to learn the course material and announcements covered in class. Lectures will not be repeated during office hours. If you really have to miss a class, please inform the instructor ahead of time by email.

- **Collaboration policy**: Discussing and exchanging ideas is encouraged. You may help each other with your strategy for how to solve a problem. However, copying from outside
sources (e.g., other students, Internet, etc.) on any material to be graded is not permitted and will be considered cheating. Cheating may result in failure of the assignment/exam and/or failure of the class. The University’s policy on Academic Integrity, as stated in the catalog, will be enforced.

- **Exams:** Unless otherwise specified by the instructor, only the final exam will be comprehensive, covering material from the entire course. The final exam will be held during final exam week. The rescheduling of exams must be arranged at least one week in advance. Exams missed without prior permission will be given a grade of zero.

- **Projects:** Assignments will be posted online. No late submission will be accepted for the last project assignment. Other late submission for projects will incur a penalty of 5 points per day, including weekends.

- **Grading correction:** Bring any homework/project or exam grading correction requests to the instructor within 1 week of receiving the grade, or before the end of the quarter, whichever comes first. After that, your grade will not be adjusted. If you find a mistake in grading, please let the instructor know. Your grade will not be lowered.

- **Announcement responsibility:** Important announcements, schedule revisions, etc., will be posted to the class email list and on the course website. You are responsible for information distributed to this email list and the course website. You are also responsible for short announcement during class session.

- **Email policy:** Please make sure that you check your username@cpp.edu account on a daily basis and I will not be responsible for any delay in your email. If you send email to me, please be sure to include your name, username and the course number in the body of the e-mail. You should also use an appropriate subject line. Failure to follow this guideline may result in delayed response.

- **Cell phones:** You may have cell phones in class, but they must be on mute and not answered until the end of class.

- **Student access:** Cal Poly Pomona is committed to student success. Students with disabilities are encouraged to contact the instructor privately or the Disability Resource Center (909-869-3333, Building 9-103) to coordinate course accommodations.

**Course Outline:**

<table>
<thead>
<tr>
<th>Intelligent Agents</th>
<th>Problem Solving</th>
<th>Logic</th>
<th>Knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning</td>
<td>Reasoning</td>
<td>Decision Making</td>
<td></td>
</tr>
</tbody>
</table>

*(Please refer to the class website for lectures notes and a more detailed schedule.)*