



CSE 579 - Knowledge Representation and Reasoning

Week 1
Samira Ghayekhlou

Basic Information

There will be two groups of CSE 579 for Sp 23-session C.

- ✓ Group 1 class will be begin Monday @9:10 am
- ✓ Group 2 class will be on Wednesday @9:10 am.

Due to the large number of students in each group (200 students) Please join only your class.

Instructor:

Samira Ghayekhloo	sghayekh@asu.edu
Main class:	Group 1: M - 9:10 AM- 10:15 AM @ EDC 117 Group 2: W - 9:10 AM- 10:15 AM @ EDC 117
Office hour:(By appointment)	In person/online @BYENG 514 M/ W: 11:00 AM- 12:00 AM Zoom: https://asu.zoom.us/j/7795505455

Sai Teja Tatikonda	statiko1@asu.edu
Office hour:	<p>Tuesday @ 3-4 pm- online Zoom: https://asu.zoom.us/j/4365117171</p> <p>Thursday @3-4 pm- in person - Room: BYENG 221</p>

TAs:

Amrita Bhattacharjee	abhatt43@asu.edu
Office hour:	<p>Tuesday @ 10-11 am - online Zoom: https://asu.zoom.us/j/2921205200</p> <p>Friday @ 11-12 pm- in person - Room: BYENG 221</p>

Graders-L2:

- | | |
|--|---------------------|
| 1. Prutha Gaherwar | <pgaherwa@asu.edu>, |
| 2. Prateek Pandey | <ppande23@asu.edu>, |
| 3. Jyothir Venkata Pavan Varma Vatsavayi | <jvatsava@asu.edu>, |
| 4. Sai Rathnam Pallayam Ramanarasaiah | <spallaya@asu.edu>, |
| 5. Bharath Kumar Bandaru | <bbandaru@asu.edu> |

Technology Tools for this Course

- Clingo (Almost in all modules except module 7) -- How to install Clingo is available on Module 1
- Protégé (Need to do graded assignment in Module 7)

Textbook and Readings:

No textbook is required for this course; however, the following texts may be helpful reference resources:

- An Introduction to Description Logic, Franz Baader, Technische Universität, Dresden, Ian Horrocks, University of Oxford, Carsten Lutz, Universität Bremen, Uli Sattler, University of Manchester (2017)
- Answer Set Programming, Vladimir Lifschitz (2019)
- Answer Set Solving in Practice: Synthesis Lectures on Artificial Intelligence and Machine Learning, Martin Gebser, Roland Kaminski, Benjamin Kaufmann, and Torsten Schaub (2012)
- Handbook of Knowledge Representation (Vol. 3), Eds. Frank van Harmelen, Vladimir Lifschitz, Bruce Porter (2008)

Grade Breakdown

Course Work	Quantity	Team or Individual	Percentage of Grade
Auto-graded quizzes	7	Individual	15%
Staff-graded assignment(s)	3	Individual	15%
Major Project	1	Individual	30%
Midterm Exam (Modules 1-4)	1	Individual	20%
Final Exam (Modules 5-7)	1	Individual	20%
End-of-semester survey	1		1%
Total			101%

Grading

You must earn a cumulative grade of 70% to earn a “C” in this course. Grades in this course will include pluses (+) and minuses (-).

Letter grade	Range
A+	>=98%
A	>=93% and <98%
A-	>=90% and <93%
B+	>=87% and <90%
B	>=83% and <87%
B-	>=80% and <83%
C+	>=77% and <80%
C	>=70% and <77%
D	>=60% and <70%
E	<60%

Course Schedule by Module and Late Work

Late work: . Late work **will not be accepted**; failure to submit the assignment on time will result in a grade of 0%.

Attendance/Absent policy:

Attendance is not mandatory in this class, **Also we don't have any zoom class**, you can join in person if you like.

I will upload all the lectures slides / records* after each class on Canvas.

****Recordings may be used to accommodate student absences in some sessions.***

Project:

Course project consists of four (4) major checkpoints that the course team will review and/or grade. **Late work will not be accepted**; failure to submit a project component on time will result in a **grade of 0%** for that component.

Course Project Milestones (I will send an announcement and will talk more detail about the project in module 2)

- Course Project: Milestone 1 - Solution to Introductory Clingo Program ----- > 5%
- Course Project: Milestone 2 - Solutions to Basic Clingo Problems ----- > 5%
- Course Project: Milestone 3 - Individual Progress Report ----- > 10%
- Course Project: Milestone 4 - Individual Project Report ----- > 10%

NOTES:

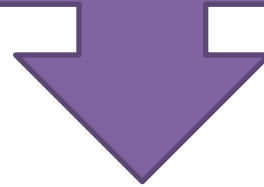
Each of modules will be released on Sunday night for two weeks.

Please watch the due date to submit any graded tasks by the due date.

I will NOT accept any email to extend the due date for any reason, you have two weeks to complete your tasks.

As graduate student, I will NOT accept excuses like:

- ✓ Submission of empty file by mistake
- ✓ Submission of wrong file by mistake
- ✓ Submitting the file last minutes before due date/time.
- ✓ Forgot the due date of graded task



Please DON'T send any email to us regarding the mentioned excuse.

MT/Final EXAM

Both MT and final exams will be online, and students will do the exam on lockdown browser.

For students' convenience, to be familiar with lockdown browser, we will have an ungraded pre-MT exam as well.

The date of pre-MT exam, MT and final exam will be announce soon.

No make-up for the MT / Final exam.

QUIZE

Quizzes have ONE attempt and will be locked 5 hours that you start it.