

# SYLLABUS: CS-4365 Artificial Intelligence



**Course:** CS-4365.002

**Instructor:** Chris Irwin Davis

**Term:** Fall 2018

**Lecture Time:** 7:00PM-9:15PM Mon & Wed

**Lecture Location:** ECSS 2.203

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## Instructor Information

**Name:** Chris Irwin Davis

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**Office Phone:** (972) 883-3574

**Office Location:** ECSS 4.603

**Office Hours:** TBD

**Other Information:** All course content on eLearning

## Prerequisites

CE 3345 or CS 3345 or SE 3345 or TE 3345 or equivalent.

## Description

**CS 4365 Artificial Intelligence (3 semester credit hours)** Basic concepts and techniques that enable computers to perform intelligent tasks. Examples are taken from areas such as natural language understanding, computer vision, machine learning, search strategies and control, logic, and theorem proving.

## Required Textbook

*Artificial Intelligence: A Modern Approach (3rd Edition)*, Stuart Russell and Peter Norvig, Pearson. ISBN-13: 978-0136042594

## Grading Scale and Assignment Weight

| Area                                 | Weight |
|--------------------------------------|--------|
| Homework, Quizzes, and Participation | 10%    |
| Programming Assignments              | 20%    |
| Midterm Exam                         | 30%    |
| Final Exam (comprehensive)           | 40%    |
| <b>Total</b>                         | 100%   |

Final course grades are submitted as letter grades. Mapping of grade percentage letter grade thresholds for the overall course grade is:

<https://catalog.utdallas.edu/2017/graduate/policies/grades>

| %           | Letter Grade | GPA Credit |
|-------------|--------------|------------|
| ≥ 94        | A            | 4.000      |
| [ 90 – 94 ) | A-           | 3.670      |
| [ 87 – 90 ) | B+           | 3.330      |
| [ 84 – 87 ) | B            | 3.000      |
| [ 80 – 84 ) | B-           | 2.670      |
| [ 77 – 80 ) | C+           | 2.330      |
| [ 74 – 77 ) | C            | 2.000      |
| < 74        | F            | 0.000      |
| —           | NF*          | 0.000      |

\* Failure for non-attendance

## General Course Policies

- **eLearning** is the official information portal for this course. All course assignments, announcements, schedule, homework, lecture slides, and grades will be communicated via eLearning.
- Final *official* course grades will be posted in Galaxy by the Records Office.
- **Attendance**
  - All lecture attendance will be logged.
  - If you are not able to attend a lecture, you are responsible for any information communicated during that class, including but not limited to – lecture notes, assignments, announcements, and schedule changes.
  - **Missing three consecutive unexcused classes, results in your final grade being reduced by one letter grade. Missing a total of five unexcused classes, results in an automatic grade of F.**
  - *Documented* absences for health, bereavement, or religious holidays do not count against your total.
- All submissions must be your own work. Students guilty of plagiarism will receive *zero credit* for the plagiarized work and may be subject to further academic penalties, per university policy.
- If you decide to stop attending class, be sure to officially drop or withdraw from the course. Otherwise, you risk receiving an ‘F’ or ‘NF’ for the course.
- Any student wishing to review or contest a grade has exactly one calendar week from the time the grade is posted to initiate an inquiry.
- **No additional individual work can be assigned for extra credit.** Only work that is assigned to the entire class may be considered and counted toward a course grade.

## Homework and Participation

- All Homework assignments shall be submitted online through eLearning.
- **Homeworks are due before the deadline time passes.** e.g. an assignment that is due at 11:59PM is LATE if the time stamp is 11:59PM. Please do not wait until the last minute to submit. The unpredictability of your internet connection is not a valid excuse for a late submission.
- Answer keys to homework will be visible online automatically after the submission deadline passes. Therefore, **late Homework cannot be accepted and will be assigned zero credit (0 points).** Submit incomplete work before the deadline for partial credit.
- Multiple Homework submissions are permitted before the deadline.

## Programming Assignments

- All programming assignments shall be submitted online through eLearning.
- Late submission of programming assignments is permitted with the following penalties.
  - -10% of possible points for up to 24 hours late,
  - -25% of possible points for up to 48 hours late,
  - -50% of possible points for up to 72 hours late,
  - No credit for more than 72 hours late.

## Midterm Exam and Final Exam

- The Midterm and Final Exam are both *closed book* and *closed notes*.
- The Final Exam will be comprehensive, although more weight will be given to material presented after the midterm.
- Final Exam will be on the date/time set by the university and published in Galaxy.
- Both the Midterm and Final Exam will be administered in the **UTD Testing Center**
  - **You will be required to reserve a seat in advance in order to guarantee being able to sit for an exam.** (<http://www.utdallas.edu/studentsuccess/testingcenter/>).
  - All Testing Center policies apply with respect to items that are disallowed (jackets, pencil boxes, bottled water, etc.).
- The Midterm and Final Exam will not be returned. They will be kept on file by the instructor for one additional semester. Anyone wishing to review his/her exam can speak to the instructor during published office hours or make a separate, private appointment.
- Make up exams for either Midterm or Final will be administered only for verifiable emergencies. A student must make every attempt possible, via telephone or email, to notify the instructor that he/she will miss the exam prior to the examination date and time.

## UT Dallas Syllabus Policies and Procedures

<http://coursebook.utdallas.edu/syllabus-policies/>

## UTD Comet Creed

*This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:*

“As a Comet, I pledge honesty, integrity, and service in all that I do.”

*The descriptions and timelines contained in this syllabus are subject to change at the discretion of the instructor.*