

COURSE SYLLABUS

Course Number:	CS 171
Title:	Introduction to Artificial Intelligence
Department:	Information Systems and Computer Science (DISCS)
School:	Science and Engineering
Sem. & School Year:	2 nd Semester, SY 2005- 2006
Instructors:	Pablo Manalastas, John Paul Vergara

A. Course Description

This course discusses classic concepts in Artificial Intelligence as well as recent developments in the field. The focus is on the design of *intelligent agents*, systems that perceive and act on an environment through reasoning, solving problems, and drawing inferences. Topics to be covered include searching, knowledge representation, and learning.

B. Course Objectives

By the end of this course, students are expected to understand the theoretical and practical concepts involved in the design of intelligent agents.

C. Course Outline and Timeframe

Weeks 1- 5:	Introduction to AI and Agents Problem Solving and Searching
Weeks 6- 10:	Logic and Knowledge Representation Uncertainty
Weeks 11- 13:	Learning
Weeks 14- 17:	Selected Topics Reports

A. Required Readings

Textbook: Russel and Norvig, *Artificial Intelligence: A Modern Approach*, 2nd Edition, Prentice Hall, 2003.

Course Web site: Lecture slides and projects will be made available at the course web site over the course of the semester. Make sure you check these web sites often for announcements and updated material.

D. Suggested Readings

To be posted on the website, when they arise.

E. Course Requirements

Exams (Midterm/Final)	40%
Projects/Assignments/Reports	50%
Quizzes	<u>10%</u>
	100%

F. Grading System

92- 100	A
80- 91	B/B+
70- 79	C/C+
60- 69	D
below 60	F

G. Classroom Policies

- Projects and assignments are generally to be submitted using the online system provided through <https://moodle.ateneo.edu:8080>.
- Work may be submitted late but not later than two days beyond the specified deadline. A deduction of 10% will be applied per day late.
- Quizzes will be unannounced and there will be around 6 quizzes given. The quiz with the lowest score will be dropped.
- Make up quizzes/exams will not be given. Excusable circumstances will be handled on a case- to- case basis (often involving score substitutions) but must come with a note from a doctor or from the associate dean.
- Additional policies, with due consultation with the students, may be implemented by the teacher to adapt to the class environment, and will be posted on the website. Students are advised to be aware of such updates.

B. Consultation Hours

Pablo Manalastas: To be announced
John Paul Vergara: 2- 330pm, MWF