CS480 ARTIFICIAL INTELLIGENCE: PLANNING AND CONTROL – FALL 2015
SYLLABUS

Course Description
Introduction to computational methods for intelligent control of autonomous agents, and the use of programming paradigms that support development of flexible and reactive systems. These include heuristic search, knowledge representation, constraint satisfaction, probabilistic reasoning, decision-theoretic control, and sensor interpretation. Particular focus will be places on real-world application of the material.

Prerequisites
(CS 331 and MATH 474 (MATH 474 may be taken concurrently)) or (CS 401 and CS 402).

Date and Location
MW – 1:50pm – 3:05pm
Stuart Building 113

Instructor
Mustafa Bilgic
Office hours: Wednesdays 11am – 12pm
Office: Stuart Building 228C
Email address: mbilgic@iit.edu
Website: http://www.cs.iit.edu/~mbilgic/

Teaching Assistant
None at the moment

Textbook
The recommended textbook for this course is Artificial Intelligence: A Modern Approach, 3rd edition, by Stuart Russell and Peter Norvig.

Textbook website: http://aima.cs.berkeley.edu/

Online Tools
For questions and answers, please use Piazza: https://piazza.com/iit/fall2015/cs480/home

Course slides, assignments, and projects will be handled through Blackboard: https://blackboard.iit.edu/
Grading
Assignments (~5): 20%
Project (~4): 20%
Midterms (~3): 30%
Final: 30%

Programming Language
Python 2.7.x

Late Submission Policy
Every late minute will cost you 1 point. No exceptions, except documented medical emergencies.

Code of Academic Honesty
https://web.iit.edu/student-affairs/handbook/fine-print/code-academic-honesty

Americans with Disabilities Act (ADA) Policy
Reasonable accommodations will be made for students with documented disabilities. In order to receive accommodations, students must obtain a letter of accommodation from the Center for Disability Resources. The Center for Disability Resources (CDR) is located in 3424 S. State St., room 1C3-2 (on the first floor), telephone: 312.567.5744 or disabilities@iit.edu.