

# CSC 445 – Intro to Intelligent Robotics

Sections 010 & 101, Spring 2018

**Meeting Time & Place:** TuTh 4:30pm – 5:50pm, OM 158

**Instructor:** Dr. Dylan Schwesinger  
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email [schwesin@kutztown.edu](mailto:schwesin@kutztown.edu)  
Web URL <http://csitrd.kutztown.edu/~schwesin>  
Office Hours W 3:00pm – 4:00pm, TuTh 2:00pm – 4:00pm

**Course Description:** This course deals with the theory and implementation of intelligent robotics and autonomous agents. The history, fundamental principles, elements, and algorithms of intelligent robots, both in simulation and in the real world, will be examined. Fundamental issues and debates regarding design and implementation and their roots in knowledge representation and theoretical computer science will be investigated. Using the knowledge gained, students will implement actual designs.

**Prerequisite:** CSC 237 or CSC 253 or permission of instructor.

**Text:** None

**Grading Policy:**

Assignments	65% of grade
Final Project	25% of grade
Participation	10% of grade

The University Plus/Minus Grading Scale will be used for letter grades. In order to receive a passing grade for the course, you must have a passing exam average.

**Exams:** Exams must be taken when scheduled unless I have approved an alternate time prior to the scheduled exams. Missed exams will be handled on an individual basis and will require written documentation for the absence. University policy will be followed.

**Assignments:** All assignments are due at the due date and time. Late assignments will not be accepted. All assignments should include the following information: your name, the course (CSC 445), semester and year, and assignment number. For programming assignments, the computer science documentation standard must be followed, which is located at <http://www.kutztown.edu/Documents/Computer%20Science/DocumentationStandard.pdf>

**Attendance:** Regular attendance and class participation are expected. Students are responsible for all material covered in class.

**Email Correspondence:** The best way to contact me is via email. When sending email, please indicate the course number in the subject line by placing it within brackets, for example, “[CSC 445] Need help on Assignment 1”.

**Classroom Etiquette:** Consideration for your classmates, instructor, and class is expected. Please come to class on time and prepared to learn. There should be no classroom conversations, sleeping, cell phone usage, or other disruptions to the class.

**Academic Dishonesty:** All students should familiarize themselves with the Computer Science Academic Integrity Policy located at <http://www.kutztown.edu/Documents/Computer%20Science/AcademicIntegrityPolicy.pdf>. Any student copying work or giving work to another student will receive a zero for the assignment and will be referred to the department chairperson.

**Accreditation:** Any course work submitted to the instructor (including but not limited to assignments, tests, and projects) may be photocopied and retained for the purpose of assessment, accreditation and quality improvement, after removal of any information identifying the student.

**Students with Disabilities:** Students with diagnosed disabilities or special needs that require accommodations for this course must first contact the Disability Services Office, located in the Office of Human Diversity at 215 Stratton Administration Building. If you have already disclosed a disability, please feel free to speak with me privately so that I may assist you.

**Gender-Based Crimes:** Educators must report incidents of gender-based crimes, including sexual assault, sexual harassment, stalking, dating violence, and domestic violence. If a student discloses such incidents to me during class or in a course assignment, I am not required to report the disclosure, unless the student was a minor at the time the incident occurred. Regardless of the student's age, if the incident is disclosed to me outside the classroom setting or a course assignment, I am required by law to report the disclosure, including relevant details, such as the names of those involved in the incident, to Public Safety and Police Services and to Mr. Jesus Peña, Title IX Coordinator.

**Note:** This syllabus is subject to change at the discretion of the instructor.