CS 548: Topics in AI & Modeling  
Computer Vision and Image Processing  
Spring 2016  
Department of Computer and Information Sciences  
SUNY Polytechnic Institute

Course Information

Class Times: Mondays and Wednesdays, 2:00 PM to 3:30 PM

Class Location: Kunsela Hall C203


Course Website: http://www.cs.sunyit.edu/~realemj/2016spring/cs548/

Additional Reading: Posted to course website as needed.

Assignments, class agendas, and useful links/information will be posted to the class website as we progress, so be sure to check it frequently!

Instructor

Instructor: Dr. Michael J. Reale
Email/Phone: realemj@sunyit.edu / 315-792-7227
Office: Kunsela Hall C224
Office Hours: After class, by appointment, or between 12:30pm and 3:30pm on Tuesdays and Thursdays
Student Outcomes

Computer Vision enables machines to truly “see” and understand the real world. By the end of this course, you will have:

1) A graduate-level understanding of fundamental image processing and computer vision approaches, concepts, theory, techniques, and terminology, as well as some of the applications of computer vision

2) Implemented algorithms that perform image processing, image representation, and feature extraction

Grading

Grades will be based on:

50% Tests, Quizzes, and Presentation
   5% Quizzes
   10% Midterm
   30% Final Exam
   5% Final Presentation
50% Programming Assignments

Missed quizzes may not be made up.

Late Assignments

Unless otherwise stated, late assignments will be accepted. Late assignments will be subject to the following time-dependent grade penalty (in addition to whatever points would have been taken off had the assignment been submitted on time):

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<th>Days Late</th>
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Academic Honesty

Your work in this course (including your homework, programs, code, assignments, projects, presentations, documentation, quizzes, and exams) should be yours and yours alone. You shall not plagiarize, copy, buy, or steal any of the above in any form from anyone else and submit it as your own work. You shall not cheat in any way, shape, or form on any exams, quizzes, assignments, projects, or homework in this (or indeed any other) course.

You may talk with other students to grasp a CONCEPT or IDEA related to the material in this course. You may NOT, however, discuss specifics of a given assignment, project, or program. Cheating shall be suspected if your work is effectively identical to the work of another, if your answers are stylistically inconsistent, and/or if you are unable to explain the work you submitted.

Various penalties for academic dishonesty and violations of the SUNY Polytechnic Institute Academic Integrity Policy apply. Evidence of cheating will result in a failing course grade.

At the end of the day, you need to be able to do the work in this course yourself in order to learn the material. You don’t need to cheat to succeed. I have office hours, an email address, and a phone: ask me questions!

Students are also responsible for taking reasonable precautions to prevent copying or dissemination of their assignments.

See the student handbook for more information.

Accommodations for Students with Disabilities registered at SUNY Polytechnic Institute

In compliance with the Americans with Disabilities Act of 1990 and with Section 504 of the Rehabilitation Act, SUNY Polytechnic Institute is committed to ensuring educational access and accommodations for all its registered students seeking access to meet course requirements and fully participate in programs or activities. SUNY Poly students with documented disabilities and medical conditions are encouraged to request these services by registering with the Disability Services Office and discussing your need for accommodations. For information or an appointment contact Suzanne Sprague at the Disability Services Office, located in room B101 Kunsela Hall or by phone (315) 792-7170; or e-mail suzanne.sprague@sunyit.edu.