

**Course Calendar for
ROBOTICS (EGMN 427) for Spring 2018.**

(Please treat this as a general guideline. You may expect small changes to it)

Class	Date	Topic	Reading
1	January 16, 2018	Introduction and Syllabus	
2	January 18, 2018	Introduction to Robotics	Chapter 1
3	January 23, 2018	Introduction to Robotics	Chapter 1
4	January 25, 2018	Spatial Description and Transformation	Chapter 2
5	January 30, 2018	Spatial Description and Transformation	Chapter 2
6	February 1, 2018	Manipulator Kinematics	Chapter 3
7	February 6, 2018	Manipulator Kinematics	Chapter 3
8	February 8, 2018	Inverse Manipulator Kinematics	Chapter 4
9	February 13, 2018	Robot Demonstration	
10	February 15, 2018	Inverse Manipulator Kinematics	Chapter 4
11	February 20, 2018	Jacobians	Chapter 5
12	February 22, 2018	Review for Midterm exam	
13	February 27, 2018	Midterm EXAM	
14	March 1, 2018	Lab Demonstrations of Prosthetic Arm	
14	March 6, 2018	Spring Break	
15	March 8, 2018		
16	March 13, 2018	Jacobians	Chapter 5
17	March 15, 2018	Trajectory Generation	Chapter 7
18	March 20, 2018	Industrial Visit to Flexicell	
19	March 22, 2018	Manipulator Mechanism Design	Chapter 8
20	March 27, 2018	Robot programming languages and systems	Chapter 11
21	March 29, 2018	MATLAB Robotics Toolbox Demonstration	
22	April 3, 2018	In class presentations	
23	April 5, 2018	In class presentations	
24	April 10, 2018	In class presentations	
25	April 12, 2018	In class presentations	
26	April 17, 2018	Review for Final Exam	
27	April 19, 2018	Review for Final Exam	
28	April 23, 2018	No class, I am in Intermag 2018 Conference	
29	April 25, 2018	No class, I am in Intermag 2018 Conference	
30	May 1 and 3	Reading Week-No classes	
31	May 8, 2018	FINAL EXAM	