ROBOTICS
THE UNIVERSITY OF UTAH

Robotics Core * & Elective ** Course Offerings

(Typically Offered) Fall Semester

MECHANICS	COGNITION	PERCEPTION	DESIGN
* ROBOT 6000 Robotics I: Mechanics	* CS 6300 Artificial Intelligence	* CS 6640 Image Processing	* ROBOT 6960 Wearable Robotics (every even Fall)

MECHANICS	COGNITION	PERCEPTION
** ROBOT 7010 System ID (every odd Fall)	** CS 6350 Machine Learning	* CS 6320 Computer Vision

HUMAN-ROBOT	CONTROL	PERCEPTION
** ROBOT 6400 NeuroRobotics (every even Fall)	** ME EN 6200/ ECE 6615 Classical Control Sys	** CS 6353 Deep Learning

HUMAN-ROBOT	CONTROL	PERCEPTION
** CS 6360 Virtual Reality	** ME EN 7200 Nonlinear Control	**ECE 6530 Digital Signal Processing

(Typically Offered) Spring Semester

ROBOT DESIGN	CONTROL	COGNITION
** ROBOT 6500 Adv. Mechatronics (every even Spring)	* ROBOT 6100 Robotics II: Control	* ROBOT 6200 Motion Planning

ROBOT DESIGN	CONTROL	HUMAN-ROBOT
** ECE 6780/ CS 6780 Embedded System Design	** ECE 6670 Control of Electric Motors	** ROBOT 7400 Haptics (every odd Spring)

ROBOT DESIGN	CONTROL	MECHANICS
** ROBOT 6960 Adv. Design in Robotics Techniques (every even Spring)	** ME EN 6210 / ECE 6652 Linear Sys & State Space Control	** ROBOT 7000 Robot Manipulation (every odd Spring)

ROBOT DESIGN	CONTROL
** ROBOT 6960 Medical Robotics (every even Spring)	** ME EN 7210 Optimal Control (every even Spring)