

MMR 2016: CLASS LIST

Session Information:

8:00 - 8:30 AM = Session # 1

8:35 - 9:05 AM = Session # 2

All classes offered both sessions

Room Information:

Room 1xx = 1st floor

Room 2xx = 2nd floor

Refer to MAP for POD & room locations

CATEGORY	CLASS NAME	CLASS DESCRIPTION	POD	ROOM	PRESENTED BY
CAD	Intro to PTC CREO (CAD)	Beginner level introduction to PTC CREO. Learning about the uses of CAD in robotics, and looking at PTC CREO to design and build parts. Note: this is a 2 hour class.	C	102	2169
	CAD and 3D printing	Using CREO Parametric to 3D print robot parts	C	213	2169
PROGRAMING	Java coding w/robots	Basic Java coding and its relation to coding the robot	B	224	2169
MECHANICAL	Drive Train	Explanation of drive train components, parts, and different types of drives	LECTURE HALL 270	270	2169
	Motors and Gearboxes	How to combine motors and gearboxes to achieve desired mechanical output,	B	225	2052
	Pneumatics	Class covers the basics of Pneumatics	B	227	2169
TEAM	Safety	Team and workshop safety	A	232	1816
	Strategy	Introduction to strategy	A	234	2169
	Chairman's	Go through the aspects of the chairman's submission and educate teams on how to create an effective submission for the award	A	236	4607
	Fundraising/sponsorship	Fundraising ideas for your team	A	235	1816
	Team Organization	How to Organize your team	A	237	4607
	Diversity in FIRST	Increasing economic and cultural diversity in STEM and FIRST.	B	222	2500
	Creativity	Unleash the creativity in your team	B	226	5541
MENTOR	Mentor Round Table	Meet other mentors and share ideas and issues	D	248	1816