

Creating the Fleet Maker Workshop # 2 Schedule

Day 1 – Friday, March 17, 2017				
Time	Activity	Duration (estimate)	Instructor	Room
8:00 – 9:00	Workshop Introduction and Other Information	15 min.	Dr. Tony Dean	KH125
	Pre-Workshop Survey	45 min.	Dr. Vukica Jovanovic	KH125
9:00 – 10:00	Module 1: 3D Printing	50 min. (10 min. break)	Dr. Karina Arcaute	KH125
10:00 – 12:00	3D Printing Hands-On - Components - Loading Material - Leveling - Printing	2 hrs.	Drs. Karina Arcaute, Vukica Jovanovic, Onur Bilgen, Michel Audette, Tony Dean	KH116
12:00 – 1:00	LUNCH	1 hr.		
1:00 – 2:40	Module 2: CAD – Computer Aided Design	1 hr. 30 min. (10 min. break)	Dr. Vukica Jovanovic	KH125
2:40 – 4:00	Module 3: Materials, Layers and Orientation Matters	1 hr. 20 min.	Dr. Onur Bilgen	KH125
4:00 – 4:50	Module 4: Slicer – Converting a 3D Computer Model into Layers	50 min.	Dr. Onur Bilgen	KH125
4:50 – 5:00	Homework Discussion	10 min.	Dr. Tony Dean	KH 125

Day 2 – Saturday, March 18, 2017				
Time	Activity	Duration (estimate)	Instructor	Room
8:00 – 8:15	Homework Discussion	15 min	Dr. Tony Dean	KH125
8:15 – 9:00	Module 5: Reverse Engineering in CAD	45 min.	Dr. Vukica Jovanovic	KH125
9:00 – 12:00	Instructor Guided CAD, Slicing and 3D Printing: Hands-On Session - Design, Slice, Print Your Own Design	3 hr.	Drs. Karina Arcaute, Vukica Jovanovic, Onur Bilgen, Michel Audette, Tony Dean	KH116
12:00 – 1:00	LUNCH	1 hr.		
1:00 – 1:45	Module 6: Advanced Reverse Engineering	45 min.	Dr. Michel Audette	KH125
1:45 – 4:30	Instructor Guided Advanced Reverse Engineering - Scanning in the lab - Mesh Fix - 3D Printing	2 hr. 45 min.	Drs. Karina Arcaute, Vukica Jovanovic, Onur Bilgen, Michel Audette, Tony Dean	KH116, KH 125
4:30 – 5:00	Post-Workshop Survey Wrap-up	30 min.	Drs. Vukica Jovanovic, Tony Dean	KH125