

ENGR 102 Freshman Design Schedule – Winter Term

Week	Task	
Week 03 01/22/07	Lab: FD focus:	Nano Lab Solicit Design Challenge ideas
Week 04 01/29/07	Lab: FD focus:	Industry Day LabVIEW 1-2 Describe Design Challenge Team formation: Program Manager, programmer, CAD, assembly Register Teams (by 02/02/07) Request For Information web page: open
Week 05 02/05/07	FD focus:	Issue NXT Kits NXT Training: assembly, programming and CAD Freeze design teams Homework: Construct, program and draw a NXT robot (due next week)
Week 06 02/12/07	Lab: FD Focus Homework:	Roomba Lab Program Managers Meeting: Demo Robot Problem Definition Statement (300-words)
Week 07 02/19/07	FD focus: Homework:	Trade Studies and Gap Analysis Show line-following robot Problem Definition Statement due Trade Study and Gap Analysis (due next week)
Week 08 02/26/07	Lab: FD focus:	LabVIEW 3-4 Program Managers meeting: Go over trade studies Risk Assessment
Week 09 03/05/07	FD focus: Homework:	Preliminary Design and Risk Assessment Group work on preliminary design and risk assessment Request For Information web page: closed Prepare proposal for WIT. Proposal due next week
Week 10 03/12/07	Lab: FD focus:	Proposal Due 1-hour competency exam Program Managers meeting: Go over proposal Return Kits
Week 11 03/19/07		Exam Week – No classes

ENGR 102 Freshman Design Schedule – Spring Term

Week	Task	
Week 01 04/02/07	FD focus:	Preliminary Design Review Review CAD models Submit Approved Purchase List
Week 02 04/09/07	Lab: FD focus:	LabVIEW 4 Program Managers Meeting (pick up requested parts)
Week 03 04/16/07	FD focus:	Critical Design Review Design Challenge: Practice runs Submit Modifications and Updates to Approved Purchase List
Week 04 04/23/07	Lab: FD focus:	LabVIEW 5 Program Managers Meeting
Week 05 04/30/07	FD focus:	Design Challenge Competition Design Challenge: Finals
Week 06 05/07/07		FD Oral Practice
Week 07 05/14/07		FD Oral Presentation (to sister section)
Week 08 05/21/07		Final FD Written Report Due
Week 09 05/28/07	Lab:	LabVIEW 6