

MET 352
Design Schedule
Spring 2019

(revised - 4/013/2019)

Note: Design schedule may be altered throughout the semester. The latest revision of the design schedule can be found on the course website: showard.sdsmt.edu/MET 352

Week	Day # (m/d)	Activity	R
1	1-W (1/09)	<ul style="list-style-type: none"> Review Syllabus, schedule and expectations General lab Safety Training (Due 1/16) http://www.sdsmt.edu/Campus-Services/Environmental-Health-and-Safety/Training/ Teamwork and Design (Dr. Howard) 	
	2-F (1/11)	<ul style="list-style-type: none"> Design project introductions Design teams Exchange availability info for common meeting time outside of class, form teams, choose a team name, exchange contact info, and email team info to Dr. Howard. Assignment 1: Teams and Leadership (Due 1/15) 	1
2	3-W (1/16)	<ul style="list-style-type: none"> Design Process: Part 1 – Problem Statement, requirements, constraints (Dr. Cross) 	2
	4-F (1/18)	<ul style="list-style-type: none"> Design Process: Part 2 – Problem Statement, requirements, constraints (Dr. Cross) 	3
3	5-W 1/23)	<ul style="list-style-type: none"> Project Management/Planning (Dr. Howard) 	4
	6-F (1/25)	<ul style="list-style-type: none"> Assignment 2: Project Statement and Requirements (Due 1/25) The Design Process (Part 3 – Gathering Information) (Dr. Howard) 	aa
4	7-W (1/30)	<ul style="list-style-type: none"> Final Team Assignments Team discussion 	5
	8-F (2/01)	<ul style="list-style-type: none"> The Design Process (Part 4 – Concept Generation and Evaluation) (Dr. Cross) Final Team Composition Assignment 3: Literature Review (Due 2/4) 	6
5	9-W (2/06)	<ul style="list-style-type: none"> Trade Studies and Decision Making (Dr. Safarzadeh) 	7
	10-F (2/08)	<ul style="list-style-type: none"> Meet with group, project time available Peer, Self and Team Evaluations Assignment 4: Project Proposal (Due 2/11) 	8
6	11-W (2/13)	<ul style="list-style-type: none"> Technical Report Writing – Dos and Don'ts (Dr. Howard) 	9
	12-F (2/15)	<ul style="list-style-type: none"> Technical Presentations– Do's and Don'ts (Dr. Howard) 	10
7	13-W (2/20)	<ul style="list-style-type: none"> The Design Process (Part 4 – Embodiment Design) (Dr. Crawford) 	11
	14-F (2/22)	<ul style="list-style-type: none"> Meet with group, project time available Assignment 5: Necessary Elements (Due 2/25) 	12
8	15-W (2/27)	<ul style="list-style-type: none"> Design Updates (Design Review) <u>Peer, Self and Team Evaluations</u> 	13
	16-F (3/01)	<ul style="list-style-type: none"> Design Updates (Design Review) 	
9	17-W (3/06)	<ul style="list-style-type: none"> Spring Break 	
	18-F (3/08)	<ul style="list-style-type: none"> Spring Break 	
10	19-W (3/13)	<ul style="list-style-type: none"> Snow Day 	

	20-F (3/15)	<ul style="list-style-type: none"> • Engineering Statistics (Dr. Jasthi) • Groups meet outside of class to makeup Snow Day 	
11	21-W (3/20)	<ul style="list-style-type: none"> • Guest Speaker -John Ludeman 	
	22-F (3/22)	<ul style="list-style-type: none"> • Peer, Self and Team Evaluations (On Line by email Survey Monkey notification) • Global, Economic, Environmental, Societal Context (Dr. Howard) 	
12	23-W (3/27)	<ul style="list-style-type: none"> • Meet with group, project time available • Submit rewrite of all previously returned-assignments (Due 3/27) • Assignment 6: Engineering Statistics (Due 3/28) 	
	24-F (3/29)	<ul style="list-style-type: none"> • Economic Design Analysis (Dr. Howard) • Assignment 7: Trade Studies and Decision Making (Due 04/02) 	
13	25-W (4/03)	<ul style="list-style-type: none"> • Meet with group, project time available • Assignment 8: Initial Draft (Due 4/04) 	
	26-F (4/05)	<ul style="list-style-type: none"> • Group Updates (4 min per group) 	
14	27-W (4/10)	<ul style="list-style-type: none"> • Snow Cancelled • Assignment 9: Economic Design Analysis (Due 4/11) 	
	28-F (4/12)	<ul style="list-style-type: none"> • Meet with group, project time available • Assignment 10: Rough Draft of Design Report (Due 4/17) 	
15	29-W (4/17)	<ul style="list-style-type: none"> • Ethics and Intellectual Property (Dr. Kellar) 	
	30-F (4/19)	<ul style="list-style-type: none"> • Meet with group • <u>Peer, Self and Team Evaluations</u> 	
16	31-W (4/24)	<ul style="list-style-type: none"> • Meet with group, project time available 	
	32-F (4/26)	<ul style="list-style-type: none"> • Meet with group, project time available • <u>Final Semester Design Report</u> (Due 4/27, 11:59 pm) 	
17	33-4/29	<ul style="list-style-type: none"> • <u>Final Presentations during scheduled final exam period: 4:00 - 5:50 pm MI 222</u> 	

Academic Calendar

Spring Semester - 2019

- Attendance Confirmation Due — January 2
- Classes begin — January 7
- Martin Luther King Jr. Day Holiday — January 21
- Last day to add or drop a course and adjust fees — January 16
- Last day for pass/fail and audit options — January 16
- Presidents' Day Holiday — February 18
- Spring vacation begins at end of class day — March 1
- Midterm (First half of semester ends) — March 11
- Classes resume — March 11
- Midterm deficiencies grades due by midnight — March 14
- Graduation application due for undergraduate students (planning to graduate in December) — March 18
- Early Registration Weeks (Tentative) — March 18 - April 12
- Last day to drop classes — April 1
- Easter Break begins at end of class day — April 18
- Classes resume — April 22
- Last day of classes — April 26
- Final examinations — April 29 - May 3
- Semester ends — May 3
- Spring Graduation — May 4
- Final grades are due by midnight — May 8