

**MET 352**  
**Design Schedule**  
**Spring 2019**

(revised - 2/20/2019)

*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](http://showard.sdsmt.edu/MET 352)*

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

	20-F (3/15)	<ul style="list-style-type: none"> <li>Meet with group</li> <li><u>Peer, Self and Team Evaluations</u></li> <li><b>Assignment 6: Initial Draft</b> (Due 3/19)</li> </ul>	
11	21-W (3/20)	<ul style="list-style-type: none"> <li>Global, Economic, Environmental, Societal Context (Dr. Howard)</li> <li><b>Assignment 7: Trade Studies and Decision Making</b> (Due 03/21)</li> </ul>	
	22-F (3/22)	<ul style="list-style-type: none"> <li>Meet with group, project time available</li> <li><b>Assignment 8: Engineering Statistics</b> (Due 3/25)</li> </ul>	
12	23-W (3/27)	<ul style="list-style-type: none"> <li>Economic Design Analysis (Dr. Howard)</li> <li><b>Assignment 9: Economic Design Analysis</b> (Due 4/1)</li> </ul>	
	24-F (3/29)	<ul style="list-style-type: none"> <li>Meet with group, project time available</li> </ul>	
13	25-W (4/03)	<ul style="list-style-type: none"> <li>Group Updates (4 min)</li> <li><b>Assignment 10: Rough Draft of Design Report</b> (Due 4/15)</li> </ul>	
	26-F (4/05)	<ul style="list-style-type: none"> <li>Meet with group – prepare for group update.</li> </ul>	
14	27-W (4/10)	<ul style="list-style-type: none"> <li>Ethics and Intellectual Property (Dr. Kellar)</li> </ul>	
	28-F (4/12)	<ul style="list-style-type: none"> <li>Meet with group, project time available</li> </ul>	
15	29-W (4/17)	<ul style="list-style-type: none"> <li>Meet with group, project time available</li> </ul>	
	30-F (4/19)	<ul style="list-style-type: none"> <li>Meet with group</li> <li><u>Peer, Self and Team Evaluations</u></li> </ul>	
16	31-W (4/24)	<ul style="list-style-type: none"> <li>Meet with group, project time available</li> </ul>	
	32-F (4/26)	<ul style="list-style-type: none"> <li>Meet with group, project time available</li> <li><u>Final Semester Design Report</u> (Due 4/27, 11:59 pm)</li> </ul>	
17	33-4/29	<ul style="list-style-type: none"> <li><u>Final Presentations during scheduled final exam period: 4:00 - 5:50 pm MI 222</u></li> </ul>	

## 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