

# Design Challenge Flowsheet

No.	Description	Required Resources <a href="https://sidilab.net/sidi-resources/cad-based-solar-design-contest/">https://sidilab.net/sidi-resources/cad-based-solar-design-contest/</a>	Time Distribution						
1	Attend the Kick-Off Meeting, or watch the Kick-Off Meeting video	<ul style="list-style-type: none"> <li>Kick-off Meeting Slides</li> </ul>	1 <sup>st</sup> day						
2	Understand the design problem (i.e., the design requirements, constraints, awarding rules and rubric)	<ul style="list-style-type: none"> <li>The Design Problem</li> <li>Solar Science Info</li> </ul>	1 <sup>st</sup> day	2 <sup>nd</sup> day					
3	Read the instructions on how to download Energy3D and set the design environment	<ul style="list-style-type: none"> <li>Energy3D tutorial</li> <li>Energy3D official website</li> <li>Energy3D Download Instructions</li> </ul>	1 <sup>st</sup> day	2 <sup>nd</sup> day					
4	Sketch your preliminary designs – feel free to experiment with multiple sketches	<ul style="list-style-type: none"> <li>2D Sketch</li> </ul>		2 <sup>nd</sup> day					
5	Work on the design challenge	<ul style="list-style-type: none"> <li>Design_Contest.ng3</li> </ul>		2 <sup>nd</sup> day	3 <sup>rd</sup> day	4 <sup>th</sup> day			
6	Reiterate and modify your design	<ul style="list-style-type: none"> <li>Record parameters and results in, “Design Answer Sheet”</li> </ul>					5 <sup>th</sup> day	6 <sup>th</sup> day	
7	Complete all the required deliverable packages	<ul style="list-style-type: none"> <li>Design challenge</li> <li>2D Sketch</li> <li>Design Answer Sheet</li> <li>Design Report</li> </ul>					5 <sup>th</sup> day	6 <sup>th</sup> day	
8	Prepare your submission and send it to us	<ul style="list-style-type: none"> <li>Data Submission Instructions</li> </ul>							7 <sup>th</sup> day
9	Email us the files	<ul style="list-style-type: none"> <li>uarksolarcontest@gmail.com</li> </ul>							7 <sup>th</sup> day
10	Complete psychological tasks	<ul style="list-style-type: none"> <li>Once the previous step is complete, we will email you the instructions</li> </ul>							