

# Engineering Design Process: *Grading Breakdown*

<b>ASK</b>	(1A) Problem Statement	<i>Formative</i>
	(1B) Customer Interview	<i>Formative</i>
	(1C) Criteria & Constraints	<i>Formative</i>
<b>RESEARCH</b>	(2A) Research Notes	<i>Formative</i>
	(2B) Source Citations	<i>Formative</i>
<b>IMAGINE</b>	(3A) Idea List	<i>Formative</i>
	(3B) Sketches & Details	<i>Formative</i>
<b>PLAN</b>	(4A) Decision Matrix	<i>Formative</i>
	(4B) CAD Layout	<i>Formative</i>
	(4C) Bill of Materials (“BOM”)	<i>Formative</i>
	(4D) DESIGN BRIEF	<b><i>SUMMATIVE</i></b>
<b>CREATE</b>	(5A) PROTOTYPE	<b><i>SUMMATIVE</i></b>
	(5B) Documentation	<i>Formative</i>
<b>TEST</b>	(6A) Testing Protocols	<i>Formative</i>
	(6B) Test Results Table	<i>Formative</i>
<b>IMPROVE/ COMMUNICATE</b>	(7A) Engineering Presentation	<b><i>SUMMATIVE</i></b>
	(7B) “How I Made This” VIDEO	<b><i>SUMMATIVE</i></b>