

**REDBANK VALLEY SCHOOL DISTRICT  
INDUSTRIAL TECHNOLOGIES CURRICULUM MAP**

<b>MECHANICAL DRAFTING &amp; CAD</b>								
<b>SEPTEMBER</b>	<b>OCTOBER</b>	<b>NOVEMBER</b>	<b>DECEMBER</b>	<b>JANUARY</b>	<b>FEBRUARY</b>	<b>MARCH</b>	<b>APRIL</b>	<b>MAY</b>
2-D; 3-D; Auto CAD Review	Templates: Advanced Orthographic Multi- view Drawings; Plotting	Auxiliary View Drawings; Constructive Solid Geometry; Career Research	Section View Drawings; Advanced Modeling Tools; Multiview Drawings from 3-D Models	Blocks; Detail Drawings; 3-D Surface Modeling	Technical Writing; Assembly Drawings; Working Drawings	Drawing Threads, Gears, CAMS; Advanced Modeling Tools & Techniques (Auto-CAD)	Mechanical Desktop; Sketches; Parametric Modeling: * Fundamentals * Modeling trees * Born Techniques	Inventor; Sketches; Sheet Metal Files; Part Files; Assembly Files