

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

MECHANICAL DRAFTING & CAD								
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
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