

TIMELINE	CONTENT	SKILLS	ASSESSMENT	NJCCCS
SEPTEMBER	<ol style="list-style-type: none"> 1. Review CAD concepts 2. Copy/paste concepts 3. Output methods 	<ul style="list-style-type: none"> • As a review – construct several 2-D drawings completely dimensioned. • Use to merge title block with drawings. • Use various print managers/printers to output drawings. 	<ul style="list-style-type: none"> -Ability to develop ABS/Power “T” charts -Ability to use “copy – paste” -Ability to set up print manager/print 	1.8 2.1 2.2 3.1 4.2
OCTOBER	<ol style="list-style-type: none"> 4. Orthographic drawing 	<ul style="list-style-type: none"> • Construct basic 3-view drawings/dimensioned. 	<ul style="list-style-type: none"> -Ability to develop orthographic drawings/dimension 	3.1 3.2
NOVEMBER	<ol style="list-style-type: none"> 5. Orthographic-section drawing 6. Vocational exploration 	<ul style="list-style-type: none"> • Construct orthographic-section drawings, i.e. full/half/off-set drawings. • Explore various occupations related to CAD. 	<ul style="list-style-type: none"> - Ability to develop orthographic section drawings - Written description of various occupations 	4.1 3.1 3.2
DECEMBER	<ol style="list-style-type: none"> 7. Oblique drawing 8. Oblique section drawing 	<ul style="list-style-type: none"> • Construct various oblique type drawing. • Construct same. 	<ul style="list-style-type: none"> - Ability to develop oblique drawings 30/45/60 	3.1 4.9
JANUARY	<ol style="list-style-type: none"> 9. Isometric drawing 10. Isometric section drawing 	<ul style="list-style-type: none"> • Construct various isometric type drawings. • Construct same. 	<ul style="list-style-type: none"> - Ability to develop isometric drawings 	4.2 3.1 4.9
FEBRUARY – JUNE	<ol style="list-style-type: none"> 11. Machine drawing 	<ul style="list-style-type: none"> • Construct multipart projects including orthographic-views/pictorial – exploded with assembly drawing/bill of materials. 	<ul style="list-style-type: none"> - Ability to construct detailed working drawings/assembled drawings/exploded pictorial drawings 	3.1 4.9 4.2

