

DENVER PUBLIC SCHOOLS CAREER AND TECHNOLOGY EDUCATION COURSE ASSESSMENT

COURSE NAME: CAD/DRAFTING TECHNOLOGY 2

SEMESTER:

YEAR:

STUDENT NAME:

The final assessment for this student is a summary of competencies, proven by work completed. Proof may be in the form of portfolio, project, or other course assessment. This student demonstrates the following:

<b>Final Assessment that demonstrates:</b>				
Course Elements	0*	Emerging 1	Competent 2-3	Exemplary 4
Safety		Scores 100% on general safety test. 4-8 semester instances of unsafe practices in the lab.	Scores 100% on general safety test. 1-3 semester instances of unsafe practices in the lab. Demonstrates awareness of importance of ergonomics.	Scores 100% on general safety test. Always exercises safety in classroom/lab. Understands importance of and practices ergonomics.
Fundamentals		With at least 60-69% accuracy, identify, select, and use drafting techniques, tools, equipment and procedures consistent with industry standards. Set parameters for layers, colors, grid, snap, limits, and scale.	With at least 70-89% accuracy, identify, select, and use drafting techniques, tools, equipment and procedures consistent with industry standards. Set parameters for layers, colors, grid, snap, limits, and scale.	With at least 90% accuracy, identify, select, and use drafting techniques, tools, equipment and procedures consistent with industry standards. Set parameters for layers, colors, grid, snap, limits, and scale.
CAD Skills		Clear understanding of software applications and their usage. Functional operation and adjustment of input and output devices, and identification and use of data storage, retrieval and back-up systems. Functional ability to use internet resources, including location and use of component drawings.	Clear understanding of software applications and their usage. Efficient, independent ability to operate and adjust input and output devices. Identify and use data storage, retrieval and back-up systems. Efficiently use internet resources, including location and use of component drawings.	Clear understanding of software applications and their usage. Efficient, independent ability to operate and adjust input and output devices. Identify and use data storage, retrieval and back-up systems. Efficiently use internet resources, including location and use of component drawings.

<b>Final Assessment that demonstrates:</b>				
Course Elements	0*	Emerging 1	Competent 2-3	Exemplary 4
Drawings/computer aided		To 60-69% accuracy, understand and create appropriate section views. Determine the view of a drawing section. Create appropriate auxiliary views. Understand application of assembly based on pictorial view.	To 70-89% accuracy, understand and create appropriate section views. Determine the view of a drawing section. Create appropriate auxiliary views. Understand application of assembly based on pictorial view.	To 90% accuracy, understand and create appropriate section views. Determine the view of a drawing section. Create appropriate auxiliary views. Understand application of assembly based on pictorial view.
Scale, dimensions and tolerancing		Refine scale, dimensioning and tolerancing skills. 75-84%, accurately identify dimension methodologies and determine drawing scale. Apply dimensioning practices and tolerancing according to current standards.	Refine scale, dimensioning and tolerancing skills. 85-94%, accurately identify dimension methodologies and determine drawing scale. Apply dimensioning practices and tolerancing according to current standards.	Refine scale, dimensioning and tolerancing skills. To 95%, accurately identify dimension methodologies and determine drawing scale. Apply dimensioning practices and tolerancing according to current standards.

\*Non-performing – Does not attend, work not completed, and/or assignment not submitted.