

DENVER PUBLIC SCHOOLS CAREER AND TECHNOLOGY EDUCATION COURSE ASSESSMENT

COURSE NAME: CAD/ARCHITECTURAL DRAFTING TECHNOLOGY 1

SEMESTER:

YEAR:

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STUDENT NAME:

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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:

Final Assessment that demonstrates:				
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 60-69% accuracy, select and use architectural drafting procedures consistent with industry standards. Apply dimensioning and tolerancing consistent with industry standards. Determine scale and view of drawings or sections. Identify types of lines within a drawing. Interpret commonly used abbreviations and terminology.	With 70-89% accuracy, select and use architectural drafting procedures consistent with industry standards. Apply dimensioning and tolerancing consistent with industry standards. Determine scale and view of drawings or sections. Identify types of lines within a drawing. Interpret commonly used abbreviations and terminology.	With at least 90% accuracy, select and use architectural drafting procedures consistent with industry standards. Apply dimensioning and tolerancing consistent with industry standards. Determine scale and view of drawings or sections. Identify types of lines within a drawing. Interpret commonly used abbreviations and terminology.

<b>Final Assessment that demonstrates:</b>				
Course Elements	0*	Emerging 1	Competent 2-3	Exemplary 4
CAD Skills		Clear understanding of software applications and their usage. Minimal demonstration of operation and adjustment of input and output devices, and identification and use of data storage, retrieval and back-up systems.	Clear understanding of software applications and their usage. Functional ability to operate and adjust input and output devices, and identification and use of data storage, retrieval and back-up systems.	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.
Plans		With at least 60-69% accuracy, prepare a series of hand-drawn sketches, demonstrating an understanding of plans for elevation, foundation, utilities and floor plans.	With at least 70-89% accuracy, prepare a series of hand-drawn sketches, demonstrating an understanding of plans for elevation, foundation, utilities and floor plans.	With at least 90% accuracy, prepare a series of hand-drawn sketches, demonstrating an understanding of plans for elevation, foundation, utilities and floor plans.
Details		Understand section view applications/functions. With 60-69% accuracy, incorporate section views and cutting planes in features or objects on drawings, including wall sections, footings, window and door schedules, and roofs.	Understand section view applications/functions. With 70-89% accuracy, incorporate section views and cutting planes in features or objects on drawings, including wall sections, footings, window and door schedules, and roofs.	Understand section view applications/functions. With at least 90% accuracy, incorporate section views and cutting planes in features or objects on drawings, including wall sections, footings, window and door schedules, and roofs.
Pictorials		Understand the structure, components, types of construction methods, and application of pictorial assembly of objects accurately in pictorial format. With 60-69% accuracy, prepare three dimensional solid computer aided design projects.	Understand the structure, components, types of construction methods, and application of pictorial assembly of objects accurately in pictorial format. With 70-89% accuracy, prepare three dimensional solid computer aided design projects.	Understand the structure, components, types of construction methods, and application of pictorial assembly of objects accurately in pictorial format. With at least 90% accuracy, prepare three dimensional solid computer aided design projects.

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