Assessment: Mt. Hood Drafting and Pre-Engineering
Standard Set: Drafting and Pre-Engineering

Filters:
Assessment Date (2014-05-05:2014-05-23)
All Standards
Number tested: 10

1) Mt. Hood Drafting and Pre-Engineering

1) A - FUNDAMENTAL DRAFTING SKILLS
    1) 82.5% can use drawing media and related drafting materials.
    2) 82.22% can use basic measurement systems.
    3) 100% can add correct annotation to drawing.
    4) 40% can identify line styles and weights.
    5) 100% can prepare title blocks and other drafting formats.
    6) 40% can apply metric and/or dual dimensioning drawing standards.
    7) 91.43% can identify and use appropriate standard symbols.

1) B - FUNDAMENTAL ORTHOGRAPHIC PROJECTIONS
    1) 85% can identify, create, and place appropriate orthographic views.
    2) 65% can identify, create, and place appropriate auxiliary views.
    3) 80% can identify, create, and place appropriate section views.

2) C - FUNDAMENTAL PICTORIAL DRAWINGS
    1) 100% can identify and create axonometric drawings.
    3) 40% can identify perspective drawings.

3) D - FUNDAMENTAL DIMENSIONING
    1) 92.5% can apply dimensioning rules.
    2) 50% can use dimension line terminators.
    3) 90% can use dimension objects.
    4) 50% can dimension complex shapes.
    5) 0% can dimension features from a center line.
    8) 50% can use size and location dimension practices.
    9) 50% can use various dimensioning styles.

5) E - FUNDAMENTAL COMPUTER HARDWARE SKILLS
    3) 100% can operate and adjust output devices.
    4) 90% can demonstrate correct handling and operation of storage media.
    5) 70% can start and shut down work station.
    7) 80% can access electronic information services.

6) F - PHYSICAL AND SAFETY NEEDS
    1) 100% can demonstrate an understanding of workstation ergonomic considerations.
    2) 70% can demonstrate personal safety practices.

7) G - COMPUTER OPERATION SYSTEMS SKILLS
    1) 60% start and exit a software program as required.

2) 100% demonstrate file management techniques.
4) 30% identify, create, and use directory structure and change directory paths
5) 90% can demonstrate file maintenance and back up procedures.
6) 25% can translate, import, and export data files between formats.
7) 90% can use on-line help.
8) 100% can save drawings to storage devices.

8) H - BASIC CADD CREATE
1) 40% can create a new drawing.
2) 100% can perform drawing setup.
3) 95% can use associative dimensioning.
4) 75% can create geometric figures.
5) 40% ca create text using appropriate style and size to annotate drawings.
7) 90% can identify, create, store, and use appropriate symbols/libraries.

9) I - BASIC CADD
1) 100% can utilize geometry editing commands
2) 100% can utilize non-geometric editing commands.

10) J - BASIC CADD MANIPULATE
1) 90% can control coordinates and display scale.
2) 100% can control entity properties.
3) 70% can use viewing commands.
4) 60% can use display commands.
5) 70% can use standard parts and/or symbol libraries.
6) 100% can plot drawing on media using correct layout and scale.
8) 75% can use grouping techniques.
9) 90% can minimize file size.

11) K - ADVANCED CADD CREATE
9) 50% can create cut sections.

12) L - ADVANCED CADD EDIT

13) M - ADVANCED CADD MANIPULATE

14) N - ADVANCED CADD ANALYZE

15) O - CADD PRODUCTIVITY AND WORK HABITS
3) 70% can use template and library files to establish drawing presets.

16) P - INTERPRET THE ENGINEERING DESIGN PROCESS
1) 80% can identify a design process
2) 80% can identify activities that occur during each phase of the design process
3) 40% can describe how social, environmental, and financial constraints influence the design process.

17) Q - DEMONSTRATE MEASURING AND SCALING TECHNIQUES

5) 60% can demonstrate proper use of precision measuring tools.

18) R - UTILIZE ENGINEERING DOCUMENTATION PROCEDURES
2) 90% can illustrate project management timelines.

19) S - DEMONSTRATE MODELING TECHNIQUES
1) 90% can create a scale model or working prototype.

20) T - ANALYZE BUILDING DESIGN AND CONSTRUCTION SYSTEMS

21) U - UTILIZE RESIDENTIAL DESIGN CONCEPTS
1) 100% can utilize client requirements and specifications to create a plan set.