

Learning Goals and Scales
2015-2016

Unit: Perspectives Pictorial Drawing

Learning Goals:

In this unit:

1. Students will learn/understand vocabulary/techniques associated with drawing perspective pictorials
2. Students will be able to draw various styles of perspective pictorials form Orthographic Projection views.

Rigorous Learning Goal/Scale 1

Course:	Engineering Drawing – Perspectives Unit
Score 4 Additional Success with the complex content and concepts—inferences, novel applications	In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught. <ul style="list-style-type: none"> • <i>Student is able to complete not only the required drawings, but can also complete various other perspectives independently without step by step instruction (=application of techniques)</i> Student makes no major errors or omissions regarding the score 4 content
Score 3 Mastery of complex content and concepts of learning goal	TARGET LEARNING GOAL: The student will <ul style="list-style-type: none"> • Learn/understand vocabulary/techniques associated with drawing one point and two point perspective pictorials. Student makes no major errors or omissions regarding the score 3 content
Score 2 Success with simpler content—vocabulary, foundational skills	The student will recognize or recall specific vocabulary or basic content, such as: One Pt/Two Pt. Perspective, Vanishing Pt, Horizon Line, Picture Plane, Ground Line, Station Point The student will perform basic skills or process, such as: <ul style="list-style-type: none"> • Using CAD • measurement application • orthographic visualization/interpretation Student makes no major errors or omissions regarding the score 2 content
Score 1 Partial success with help	With help, student achieves partial success at score 2 content and/or score 3 content
Score 0 No success even with help	Even with help, no success

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Rigorous Learning Goal/Scale 2

Course:	Engineering Drawing – Perspectives Unit
Score 4 Additional Success with the complex content and concepts—inferences, novel applications	In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught. <ul style="list-style-type: none"> • <i>Student is able to complete not only the required drawings, but can also complete various other perspectives independently without step by step instruction and can make choices as to which illustration will be best to convey the idea.</i> Student makes no major errors or omissions regarding the score 4 content
Score 3 Mastery of complex content and concepts of learning goal	TARGET LEARNING GOAL: The student will <ul style="list-style-type: none"> • be able to draw various required perspective pictorials form Orthographic Projection views. Student makes no major errors or omissions regarding the score 3 content
Score 2 Success with simpler content—vocabulary, foundational skills	The student will recognize or recall specific vocabulary or basic content, such as: One Pt/Two Pt. Perspective, Vanishing Pt, Horizon Line, Picture Plane, Ground Line, Station Point The student will perform basic skills or process, such as: <ul style="list-style-type: none"> • Using CAD • measurement application • orthographic visualization/interpretation Student makes no major errors or omissions regarding the score 2 content
Score 1 Partial success with help	With help, student achieves partial success at score 2 content and/or score 3 content
Score 0 No success even with help	Even with help, no success