

Learning Goals and Scales
2015-2016

Unit: Oblique Pictorial Drawing

Learning Goals:

In this unit:

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

Rigorous Learning Goal/Scale 1

Course:	Engineering Drawing – Obliques 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 define/explain all features of pictorial to others including the relationship of the views to the surfaces.</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 three styles of oblique 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: Cavalier, Cabinet, General, Depth axis The student will perform basic skills or process, such as: <ul style="list-style-type: none"> • Using CAD – snap style, ellipse, polar cords., layout • 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 – Isometrics 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 explain produce Oblique Pictorials, can explain the purpose for using different Oblique Pictorial styles and can illustrate the relationship of the views and planes using related vocabulary.</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 oblique 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: Cavalier, Cabinet, General, depth axis The student will perform basic skills or process, such as: <ul style="list-style-type: none"> • Using CAD – snap style, ellipse, polar cords., Isom. layout • 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