

Perspective Art 230

Instructor: Laurel Long

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Office Hours: 5:00 - 6:30pm, Monday and Wednesday

Room: Sagebrush 108

Course Description: Introduction to perspective systems and their use in the representation of three-dimensional forms.

Course Methods: Instruction will be conducted through diagrams on overhead projector, video presentation, lectures, reading assignments and individual tutoring.

Course Objectives:

- Use of fundamental perspective systems for application in a variety of visual situations such as interiors and exteriors in landscapes.
- Application of perspective knowledge to the creation of art by inventive processes and observation.
- Practice of perspective and shadow theory that allows for the representation of three-dimensional forms.
- Development of design and drawing skills.

Course Content:

- Linear Perspective
 - ✓ Terminology and History
- Architectural Systems
 - ✓ Plans and Elevations and Oblique Projections: Isometric, Plan Oblique, Elevation Oblique
 - ✓ Drawing Perspective Views from Plans and Elevations: One and Two Point Measured Grid Systems
 - ✓ Plan projection
- Geometric Tools and Perspective Methods
 - ✓ Methods for Measuring: Diagonals and Measuring Lines
 - ✓ Squares and Circle Construction
 - ✓ Sloping Planes and Stairs
 - ✓ Shadows in Perspective
- Perspective Drawing from Observation
 - ✓ One and Two Point Perspective

Classroom Rules:

- Cell phones must be turned off unless you are a parent.

Supplies (Supplies and textbook should be brought to every class)

Drafting tools:

24" minimum ruler- required

12" triangles: 45-45 and 30-60 degree

30" minimum T-square- required

Mechanical pencils: 0.5 mm

Mechanical pencils lead: H and 2H

Fine Point Pen permanent marker

Colorerace Colored Pencils: six colors

Tracing paper or vellum: 24-inch roll or 18 x 24 inch pad: white

Drawing paper pad 18 x 24 inch

Sketch pad 9 x 12 inch

Three sheets 8 x 10 inch acetate, transparent film or page holders

Erasers: kneaded and white vinyl

Drafting tape

Required Text Book: Basic Perspective Drawing, A Visual Approach by John Montague, ISBN 0-471-2923L-L

Academic Honesty:

Plagiarism or copying another student’s work will result in automatic failure in the course and will be reported to Student Affairs office and the Dean of Students.

Attendance Policy

Attendance is required and is a strong determinant of a student’s success in the course. The following will be applied in determining the final grade in the course.

- **Four absences are allowed without penalty.**
- **Five absences automatically result in a final grade of C or lower depending on assignment grades.**
- **Six absences automatically result in a final grade of D or lower depending on assignment grades.**
- **Seven absences automatically result in a final grade of F regardless of assignment grades.**
- The four allowed absences are given for illness and other unavoidable events. A doctor’s note will not excuse more than four absences in a semester. If illness requires more than four absences, a medical withdrawal from the course is recommended. You may ask me at any time for your attendance and grade information.
- Late arrivals and early departures of 15 minutes or more are considered absences. Exchange contact information and contact another student for missed information.
- Roll will be taken every class at 8:10am.

Grading

- Final Grading is based on: 1) Assignments that are graded on the basis of demonstrated knowledge of course content 2) Attendance record and academic honesty (see above)
- Plus/minus grading is in accordance with university policy: A= outstanding, B= good, C= average, D= unsatisfactory, F= failure

Grade Point Scale

A = 95 – 100	B+ = 87 – 89	C+ = 77 – 79	D+ = 67 – 69	
A- = 90 – 94	B = 83 – 86	C = 73 – 76	D = 63 – 66	
	B- = 80 – 82	C- = 70 – 72	D- = 60 – 62	F = 0 - 59

Assignments

		<u>Points Earned</u>
#1	Plans, Elevations and Oblique Projections	100 pts. _____
#2	The Picture Plane	100 pts. _____
#3	Linear Perspective & Foreshortening Methods	100 pts. _____
#4	One Point Measured Grid	100pts. _____
#5	Observed One Point Perspective	100 pts. _____
#6	Plan Projection	100 pts. _____
#7	Two Point Measured Grid	100 pts. _____
#8	Observed Two Point Perspective / Stairs	100 pts. _____
#9	Observed Perspective Drawing	100 pts. _____
#10	Shadows in Perspective	100pts. _____

Total _____

Total Points Earned divided by 10= _____

Project Procedures

The preliminary drawings that are needed will vary by assignment but the following describes them all:

- Thumbnails – small, rough drawings to try out ideas, basic composition and perspective
- Site drawing (freehand or roughly drafted from observation) – final size, perspective established, rough details
- Rough draft: tracing paper overlay drawing over site drawing or grid - Correct perspective, use of vanishing points, correct foreshortening, resolved details
- Final drawing: tracing paper drawing over rough draft: cleanly drafted, details resolved
- All preliminary and final drawings are handed in for grading

Perspective Art 230 Calendar (Dates are subject to change)

Wed, Sept 6	Introduction to course Homework: Get supplies, textbook and read: 26 – 35	
Mon, Sept 11 Wed, Sept 13	<u>#1 Plans, Elevations and Oblique Projections</u> <u>#1 Plans, Elevations and Oblique Projections</u> Homework: read: 1 – 18	
Mon, Sept 18 Wed, Sept 20	<u>#2 The Picture Plane</u> <u>#2 The Picture Plane</u> Homework: read: 69 – 72, 185 - 237	#1 Obliques due
Mon, Sept 25 Wed, Sept 27 Mon, Oct 2 Wed, Oct 4	<u>#3 Linear Perspective & Foreshortening Methods</u> <u>#3 Linear Perspective & Foreshortening Methods</u> <u>#3 Linear Perspective & Foreshortening Methods</u> <u>#3 Linear Perspective & Foreshortening Methods</u> Homework: read: 52 – 61, 95 – 124, 202 – 203	#2 Picture Plane due
Mon, Oct 9 Wed, Oct 11 Mon, Oct 16	<u>#4 One Point Measured Grid & Circle Construction</u> <u>#4 One Point Measured Grid & Circle Construction</u> <u>#4 One Point Measured Grid & Circle Construction</u> Homework: read: 19 – 25, 145 - 154	#3 Linear Perspective due
Wed, Oct 18 Mon, Oct 23 Wed, Oct 25	<u>#5 Observed One Point Perspective / Sighting Techniques</u> <u>#5 Observed One Point Perspective / Applied Grid</u> <u>#5 Observed One Point Perspective / Applied Grid</u> Homework: read: 36 – 51, 73 - 80	#4 One Point Measured Grid due
Mon, Oct 30 Wed, Nov 1 Mon, Nov 6	<u>#6 Plan Projection</u> <u>#6 Plan Projection</u> <u>#6 Plan Projection</u> Homework: read: 62 – 68	#5 Observed One Point Perspective due
Wed, Nov 8 Mon, Nov 13 Wed, Nov 15	<u>#7 Two Point Measured Grid & Circle Construction</u> <u>#7 Two Point Measured Grid & Circle Construction</u> <u>#7 Two Point Measured Grid & Circle Construction</u> Homework read: 19 – 25, 81 - 94	#6 Plan Projection due
Mon, Nov 20 Wed, Nov 22 Mon, Nov 27	<u>#8 Observed Two Point Perspective /Sighting Techniques</u> <u>#8 Observed Two Point Perspective / Stairs</u> <u>#8 Observed Two Point Perspective / Stairs</u>	#7 Two Point Measured Grid due
Wed, Nov 29 Mon, Dec 4 Wed, Dec 6	<u>#9 Observed Perspective Drawing</u> <u>#9 Observed Perspective Drawing</u> <u>#9 Observed Perspective Drawing</u> Homework: read: 125 - 133	#8 Observed Two Point Perspective due
Mon, Dec 11 Wed, Dec 13	<u>#10 Shadows in Perspective</u> <u>#10 Shadows in Perspective due</u> Homework: Complete #8, read: 125 – 133, 163 – 172	#9 Observed Perspective Drawing due

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Assignment Grading Criteria

#1	<u>Plans, Elevations and Oblique Projections</u> Perspective: Three projections (25 pts. each) Drawing quality: Line variety and drafting quality, neatness	75 pts. 25 pts
#2	<u>The Picture Plane</u> Perspective: Complexity Drawing quality	45 pts. 15 pts. 15 pts.
#3	<u>Linear Perspective & Foreshortening Methods</u> Foreshortening exercises Perspective: Two drawings: one point and two point (20 pts. each) Complexity: creativity, initiative (10 pts. each) Drawing quality (7.5 pts. each)	25 pts. 40 pts. 20 pts. 15 pts.
#4	<u>One Point Measured Grid / Circle Construction</u> Grid Perspective Circle construction	20 pts. 60 pts 20 pts.
#5	<u>Observed One Point Perspective / Applied Grid</u> Perspective Site drawing Complexity Drawing quality	35 pts. 35 pts. 20 pts. 10 pts.
#6	<u>Plan Projection</u> Perspective	100 pts.
#7	<u>Two Point Measured Grid & Circle Construction</u> Grid Perspective Complexity	20 pts. 60 pts. 20 pts.
#8	<u>Observed Two Point Perspective / Stairs</u> Perspective Site drawing Complexity Drawing quality	35 pts. 35 pts. 20 pts. 10 pts.
#9	<u>Observed Perspective Drawing</u> Perspective	100 pts.
#10	<u>Shadows in Perspective</u> Ten exercises (10 pts. each)	100pts.

Creative Application: Choose one of the following

1) The House of the March Hare

'In that direction,' the Cat said, waving his right paw round, 'lives a Hatter: and in that direction,' waving the other paw, 'lives a March Hare. Visit either you like: they're both mad.' ...She had not gone much further before she came in sight of the house of the March Hare: she thought it must be the right house, because the chimneys were shaped like ears and the roof was thatched with fur. It was so large a house, that she did not like to go nearer till she nibbled some more of the left-hand bit of mushroom, and raised herself to about two feet high...

- 3 x 5 inch thumbnail
 - ✓ Two or three point perspective view with low eye level
 - ✓ Large house with peaked roof and windows with shutters
 - ✓ A road: curved or zig zagged leads to the house and a fence runs along the entire length of the road
 - ✓ A bridge leads to the road (optional)
 - ✓ Use trees as framing device and throughout composition
 - ✓ A vegetable garden near house with equal parallel rows
 - ✓ The light is in front and to the of the viewer, it is about 11:00 am
 - ✓ Alice on the road (she is two feet high)
 - ✓ Distant landscape and cloud shapes
 - ✓ Realistic scale and proportions
 - ✓ Composition must have definition, focus and a full range of values
 - ✓ Be as creative as you want to be, you may add things not included above
 - ✓ Remember this is Wonderland so you can be as imaginative as you like. Read the "Pig and Pepper" chapter of *Alice's Adventures in Wonderland* for ideas.

2) The Looking Glass Room

"Now, if you will only attend, Kitty, and not talk so much, I'll tell you all my ideas about Looking-glass House. First, there's the room you can see through the glass – that's just the same as our drawing room, only the things go the other way. I can see all of it when I get upon a chair- all but the bit behind the fireplace. Oh! I do so wish I could see that bit!"

- 3 x 5 inch thumbnail
 - ✓ A simplified geometrical line drawing
 - ✓ Windows on two walls (at least one is visible)
 - ✓ Rug: round rug lying on floor
 - ✓ Table: square with rectangular and cylindrical objects on top (chess pieces and books)
 - ✓ Fireplace with mantle with mirror above mantle
 - ✓ Clock and pictures on wall
 - ✓ Chair

- ✓ Viewer sees one corner and floor, ceiling optional; Alice is not in view
- ✓ Realistic scale and proportions
- ✓ One window provides direct downward light rays (light shape on floor)
- ✓ Composition must have definition, focus and a full range of values
- ✓ Be as creative as you want to be, you may add things not included above. Read the “Looking Glass House” chapter of *Through the Looking Glass* for ideas.

Procedure

- Tissue overlay (over thumbnail)
 - ✓ Correct the perspective; Verify vanishing points and light vanishing points; Verify ellipses and scale
- Enlarge thumbnail tissue overlay 300 percent
 - ✓ Verify the remaining perspective and light plotting; Trace a complete tissue with all final elements
 - ✓ Using graphite resolve realistic detail; Loosely resolve form as modeled by consistent lighting
- Final drawing
 - ✓ On drawing paper– using a light table, place drawing paper over trace drawing and redraw
 - ✓ Dark brown, sepia or black Colorerace pencil (other colors optional), or graphite
 - ✓ Value composition should match thumbnail
 - ✓ Make an interesting composition (definition, focus and full range of values) and thoroughly model forms with consistent lighting