

# Computer Graphics (4190.410)

Fall, 2015

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**Classroom:** 302-106

**Time:** Mon, Wed 17:00-18:15

## Grade:

- Midterm: 30%
- Final: 30%
- Homeworks, Quizzes, and Projects: 40%

- Textbook:

Donald Hearn, M. Pauline Baker, and Warren R. Carithers

*Computer Graphics with OpenGL*, 3rd Ed., Pearson Prentice Hall, 2004.

Weeks	Lectures	Assignments
9/1–5	Introduction PostScript	Program #1
9/7–12	Geometric Transformations OpenGL	
9/14–19	Geometric Transformations OpenGL	Quiz #1 Program #2
9/21–25	Viewing Transformations OpenGL	
9/30–10/2	Graphics Systems, Primitives, and Attributes	Quiz #2 Program #3
10/5–10	3D Modeling	
10/13–18	<b>Midterm Exam</b>	
10/20–25	Spatial Data Structures	Program #4
10/27–11/1	Visible-Surface Detection	Quiz #3
11/3–8	Illumination Models	
11/10–15	Surface Rendering	Quiz #4 Program #5
11/17–22	Interaction Methods	
11/24–29	Computer Animation	Quiz #5
12/1–6	Hierarchical Modeling	
12/8–13	Hierarchical Modeling	
12/15–19	<b>Final Exam</b>	