

Computer Science 481/681  
Fall 2010  
Digital Image Graphics

Instructor:

Dr. Mike Westall  
McAdams 307  
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Office hrs:

2:30 - 4:00 M-W

Other hours available by appointment.  
Please see us after class or send e-mail  
when you need to make one.

Texts: The Digital Image by D. House  
(pdf available in the course directory)

Lecture Notes by M. Westall  
Available online at:

<http://www.cs.clemson.edu/~westall/481/notes>

Topics: Introduction to digital images

Image file formats  
Color representation  
Image compression schemes  
Compositing  
Filtering I  
Image Warps  
Inverse projective maps and bilinear maps  
Filtering II  
Morphing  
Frequency domain analysis

Grading:

Exam	30%
Quizzes (n)	30%
Projects	40%

Final avg $\geq$	insures grade no worse than
90	A
80	B
70	C
60	D

Zero or more quizzes will be dropped. One comprehensive makeup quizzes will be given at the time of the final exam. No other makeup quizzes will be given.

All work on quizzes is expected to be your own individual effort. Violations of this policy will be subject to the penalties for academic dishonesty.

Group work in PREPARATION for quizzes BEFORE class is perfectly fine.