

MSE/EM 362L
Nondestructive Testing Laboratory Syllabus – Spring 2006

D. Eisenmann, x43292, djeisen@cnde.iastate.edu

B. Larson, x48158, blarson@iastate.edu

Week#	Date	SUBJECT
1	9, 10 Jan	Introduction to the Laboratory and NDE
2	16, 17 Jan	No Class Due to Jan 16 University Holiday
3	23, 24 Jan	Hardness Testing*
4	30, 31 Jan	Oral Reports on Hardness Testing, Visual and Liquid Penetrant Inspection
5	6, 7 Feb	Magnetic Particle Inspection
6	13, 14 Feb	X-ray Inspection and Measurement*
7	20, 21 Feb	X-ray Inspection and Measurement*
8	27, 28 Feb	X-ray Inspection and Measurement*
9	6, 7 Mar	Oral Reports on X-ray Inspection and Measurement, Ultrasonic Inspection and Measurement
10	13, 14 Mar	Spring Break
11	20, 21 Mar	Ultrasonic Inspection and Measurement
12	27, 28 Mar	Ultrasonic Inspection and Measurement
13	3, 4 Apr	Eddy Current Inspection and Measurement*
14	10, 11 Apr	Eddy Current Inspection and Measurement*
15	17, 18 Apr	Eddy Current Inspection and Measurement*
16	24, 25 Apr	Oral Reports on Eddy Current Inspection and Measurement, Tour Center for Nondestructive Evaluation
17	1-5 May	Final Examination Week

**Reports will be given orally in groups*

<http://www.cnde.iastate.edu/edu/362L/>