

**Rochester Institute of Technology
Rochester, New York**

COLLEGE of SCIENCE
Chester F. Carlson Center for Imaging Science

Introduction to Imaging Science II, 1051-707

1.0 Title: Introduction to Imaging Science II **Date:** October 20, 2006

Credit Hours: 1

Prerequisite(s): Graduate standing in imaging science.

Corequisite(s):

Course described by: John Kerekes

2.0 Course information:

	Contact hours	Maximum students/section
Classroom	1	30
Lab		
Studio		
Other (specify CIS Seminar Series)	1	

Quarter(s) offered (check)

_____ **Fall** X **Winter** _____ **Spring** _____ **Summer**

Students required to take this course: (by program and year, as appropriate)

First year graduate students in Imaging Science, MS and PhD program.

Students who might elect to take this course:

None.

3.0 Goals of the course (including rationale for the course, when appropriate)

To introduce students to the research topics studied by Faculty in the Center for Imaging Science, and to tools and techniques for them to pursue their own research.

4.0 Course description (as it will appear in the RIT Catalog, including pre- and co-requisites, quarters offered)

1051-707 Introduction to Imaging Science II

This course is focused on familiarizing students with research activities in the Carlson Center, research practices in the university, research environment and policies and procedures impacting graduate students. This course is coupled with the research seminar sponsored by the Center for Imaging Science (usually weekly presentations). Students are expected to attend and participate in the

seminar as part of the course. The course will also address issues and practices associated with technical presentation and technical writing. Credits earned in this course apply to research requirements. **Class 1, Credit 1 (W)**

5.0 Possible resources (texts, references, computer packages, etc.)

5.1 None.

6.0 Topics

6.1 Faculty and upper-level graduate student presentations on their individual research projects

6.2 Proposal writing assignment

7.0 Intended learning outcomes and associated assessment methods of those outcomes

Learning Outcome	In class attendance and evaluation	Homework Assignments
7.1 Be familiar with research topics with Center	X	
7.2 Be able to write a proposal for a research project	X	X

8.0 Program or general education goals supported by this course

8.1 Satisfies one research credit hour required for graduation.

8.2 Prepares graduate students in imaging science to pursue their research topic.

9.0 Other relevant information (such as special classroom, studio or lab needs, special scheduling, media requirements, etc.)

9.1 Classroom with computer projection system and internet access.

10.0 Supplemental information

None.