Rochester Institute of Technology
Rochester, New York

COLLEGE of SCIENCE
Center for Imaging Science

REVISED COURSE: 1050-801

1.0 **Title**: Color Science Seminar **Date**: May 6, 2004
Credit Hours: 1
Prerequisite(s): None
Corequisite(s): None
Course proposed by: Ethan D. Montag

2.0 **Course information:**

	Contact hours	**Maximum students/section**
Classroom	1	20
Lab		
Studio		
Other (specify _____)		

Quarter(s) offered (check)
√ **Fall** √ **Winter** √ **Spring** _____ **Summer**

Students required to take this course: (by program and year, as appropriate)
M.S. and Ph.D Color Science Students
Ph. D. Students specializing in Color Science

Students who might elect to take the course:
Graduate Students in other programs within the Center for Imaging Science

3.0 **Goals of the course** (including rationale for the course, when appropriate):
Familiarize students with basic and advanced topics in color science via oral presentations from other students, laboratory staff, and faculty as well as visiting speakers from within and external to RIT. Students will also prepare their own oral presentations to develop professional skills related to formal scientific presentations. Students will also learn to use library resourses for research. This course will also be a forum for students to present their current research and other topics based on student interest and current issues in the field.

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

1050-801 Color Science Seminar

The Color Science Seminar is a weekly forum in which students will learn about basic and advanced topics in color science. This course will include oral presentations from students, laboratory staff, and faculty as well as visiting speakers from within and external to RIT. Students will also prepare their own oral presentations and written assignments based on both their current research and issues of topical interest in the field. Students will develop professional skills required for formal scientific presentations. Students in the color science MS program and Imaging Science Ph.D. students specializing in color science will take this course each quarter. **Class 1, Credit 1 (F, W, S)**

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

5.1 Selected current and recent journal and proceedings papers

6.0 Topics (outline):

6.1 Tutorials on basic color science.
6.2 Current areas of research in the laboratory.
6.3 Topical areas of interest.

7.0 Intended learning outcomes and associated assessment methods of those outcomes

8.0

Learning Outcome	**Assessment Method**
Professional presentation skills	Critiques/Grading of presentations
Color science fundamentals	Written papers
Research experience	Term paper
Color science expertise	Weekly written assignments

8.0 Program or general education goals supported by this course

8.1 Presentation skills and understanding of current research practices and the current state of the field.

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

9.1 Experience with presentation software (PowerPoint, Keynote, etc.)

9.2 Experience with library and research resources

10.0 Supplemental information

None