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:

<table>
<thead>
<tr>
<th></th>
<th>Contact hours</th>
<th>Maximum students/section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom</td>
<td>1</td>
<td>20</td>
</tr>
<tr>
<td>Lab</td>
<td></td>
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<tr>
<td>Studio</td>
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<td>Other (specify)</td>
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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 resources 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**

<table>
<thead>
<tr>
<th>Learning Outcome</th>
<th>Assessment Method</th>
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<tbody>
<tr>
<td>Professional presentation skills</td>
<td>Critiques/Grading of presentations</td>
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<tr>
<td>Color science fundamentals</td>
<td>Written papers</td>
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<tr>
<td>Research experience</td>
<td>Term paper</td>
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<tr>
<td>Color science expertise</td>
<td>Weekly written assignments</td>
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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