



Business Studies Division  
3322 College Drive, Vineland, NJ 08360  
856-691-8600

## **CG 110: Digital Imaging**

Syllabus

Lecture Hours/Credits: 3/3

### **Catalog Description**

*Prerequisite: CG 101 Introduction to Computer Graphics*

This course introduces students to flatbed scanning techniques and gives them the opportunity to explore the possibilities of Adobe Photoshop's filters and editing tools. Projects will include photo retouching and collage creation.

### **Textbook and Course Materials**

It is the responsibility of the student to confirm with the bookstore and/or their instructor the textbook, handbook, and any other materials required for their specific course and section.

Click here to see current textbook prices at [ccnj.bncollege.com](http://ccnj.bncollege.com).

### **Evaluation Assessment**

#### **Online Proctoring**

All courses offered at RCSJ, whether they are web-enhanced, hybrid, or fully online, may include assessments that make use of Online Proctoring. To find out more about Online Proctoring, and to learn about the minimum technical requirements, visit [rcsj.edu/elearning/online-proctoring](http://rcsj.edu/elearning/online-proctoring).

#### **Grading Distribution**

Grading to be determined by individual instructors.

Individual instructors may include the following assessment(s):

- Attendance
- Class projects
- Homework projects
- Final project

#### **Grading**

The grading scale for each course and section will be determined by the instructor and distributed the first day of class.

## Rowan College of South Jersey Core Competencies

(Based on the NJCCC General Education Foundation - August 15, 2007; Revised 2011; Adopted 2014)

This comprehensive list reflects the core competencies that are essential for all RCSJ graduates; however, each program varies regarding competencies required for a specific degree. Critical thinking is embedded in all courses, while teamwork and personal skills are embedded in many courses.

1. **Written and Oral Communication:** Students will communicate effectively in both speech and writing.
2. **Quantitative Knowledge and Skills:** Students will use appropriate mathematical and statistical concepts and operations to interpret data and to solve problems
3. **Scientific Knowledge and Reasoning:** Students will use the scientific method of inquiry, through the acquisition of scientific knowledge.
4. **Technological Competency:** Students will use computer systems or other appropriate forms of technology to achieve educational and personal goals
5. **Society and Human Behavior:** Students will use social science theories and concepts to analyze human behavior and social and political institutions and to act as responsible citizens.
6. **Humanistic Perspective:** Students will analyze works in the fields of art, history, music, or theater; literature; philosophy and/or religious studies; and/or will gain competence in the use of a foreign language
7. **Historical Perspective:** Students will understand historical events and movements in World, Western, non-Western or American societies and assess their subsequent significance.
8. **Global and Cultural Awareness:** Students will understand the importance of a global perspective and culturally diverse peoples.
9. **Ethical Reasoning and Action:** Students will understand ethical issues and situations.
10. **Information Literacy:** Students will address an information need by locating, evaluating, and effectively using information.

### CG 110 Core Competencies

This course focuses on **three** of RCSJ's Core Competencies:

- **Please add core competencies**

### Student Learning Outcomes: Digital Imaging

| Successful completion of CG 110 will help students:                                   | RCSJ Core Competencies | Evaluation / Assessment<br>(Additional means of evaluation may be included by individual instructors)  |
|---|------------------------|--|
| Define and manipulate color and grayscale modes on the computer as needed             |                        | <ul style="list-style-type: none"> <li>• Attendance</li> <li>• Class projects</li> <li>• Homework projects</li> <li>• Final project</li> </ul> |
| Create all images using a digital camera and flatbed scanner                          |                        | <ul style="list-style-type: none"> <li>• Attendance</li> <li>• Class projects</li> <li>• Homework projects</li> <li>• Final project</li> </ul> |
| Explain the difference and the relationship between digital resolution and image size |                        | <ul style="list-style-type: none"> <li>• Attendance</li> <li>• Class projects</li> <li>• Homework projects</li> <li>• Final project</li> </ul> |
| Demonstrate the skills to resize resample and crop images                             |                        | <ul style="list-style-type: none"> <li>• Attendance</li> <li>• Class projects</li> <li>• Homework projects</li> <li>• Final project</li> </ul> |
| Identify how, when and where, to add type to images                                   |                        | <ul style="list-style-type: none"> <li>• Attendance</li> <li>• Class projects</li> <li>• Homework projects</li> <li>• Final project</li> </ul> |
| Select channel modes and use masking techniques                                       |                        | <ul style="list-style-type: none"> <li>• Attendance</li> <li>• Class projects</li> <li>• Homework projects</li> <li>• Final project</li> </ul> |
| Develop images employing various compositional strategies                             |                        | <ul style="list-style-type: none"> <li>• Attendance</li> <li>• Class projects</li> <li>• Homework projects</li> <li>• Final project</li> </ul> |
| Prepare the image for output to film or the printer                                   |                        | <ul style="list-style-type: none"> <li>• Attendance</li> <li>• Class projects</li> <li>• Homework projects</li> <li>• Final project</li> </ul> |

## Topical Outline

- Getting to know the work area.
- Review of basic MAC
- Review of basic Photoshop
- Begin Advanced Photoshop
- Using photographs in Photoshop
- Designing images in Photoshop
- Masks And Channels
- Retouching and repairing
- Painting and editing
- Adobe ImageReady and Creating image links

### **Affirmative Action Statement**

The Board of Trustees is committed to providing a work and academic environment that maintains and promotes affirmative action and equal opportunity for all employees and students without discrimination on the basis of certain enumerated and protected categories. These categories are race, creed (religion), color, national origin, nationality, ancestry, age, sex (including pregnancy and sexual harassment), marital status, domestic partnership or civil union status, affectional or sexual orientation, gender identity or expression, atypical hereditary cellular or blood trait, genetic information, liability for military service, or mental or physical disability, including AIDS and HIV related illnesses.

For questions concerning discrimination, contact Almarie J. Jones, Special Assistant to the President, Diversity and Equity/Title IX and Compliance, 856-415-2154 or [ajones@rcsj.edu](mailto:ajones@rcsj.edu) or (Cumberland) Nathaniel Alridge, Jr., JD, Director, Diversity and Equity/Title IX and Judicial Affairs, 856-691-8600, ext. 1414 or [nalridge@rcsj.edu](mailto:nalridge@rcsj.edu). For disability issues or any barriers in the learning or physical environment related to a document condition/disability please contact: Gloucester campus – Dennis M. Cook, Director, Department of Special Services, ADA/504 Officer at 856-415-2265 or [dcook@rcsj.edu](mailto:dcook@rcsj.edu); or Cumberland Campus – Meredith Vicente, Senior Director, Physical & Learning Disabilities, Center for Academic & Student Success (CASS) at 856-691-6900 ext. 1282 or [mvicent1@rcsj.edu](mailto:mvicent1@rcsj.edu)

### **Department of Special Services**

The Department of Special Services, located in the Enrollment and Student Services building, within the Testing Center, welcomes students of all abilities. The staff members in Special Services are committed to providing support services and ensuring equal access to eligible students with documented conditions/disabilities as outlined by the Americans with Disabilities Act (ADA) and the Americans with Disabilities Act with Amendments Act (ADAAA). For more information, please visit our website-[Department of Special Services](#) or call 856-691-8600 x1445 or x1487.

**Reporting Allegations of Sexual Assault Resource Referrals (8/2020)**  
**Cumberland Campus**

There are multiple safe places for students to report allegations of sexual assault, both on and off campus. Reports of sexual assault can be made to any of the following offices listed in the chart below.

All students are encouraged to report alleged crimes on campus. Employees must report crimes that pose an immediate threat to the campus to the Security Office, the local Police Department or the Sheriff's Office.

| <b>Service</b>  | <b>Resource</b>   | <b>Phone Number/Location/Website</b>  |
|---|---|---|
| <b>Non-Confidential Reporting</b><br><br>Law Enforcement            | Vineland Police Dept.   | 856-691-4111  |
|   | Millville Police Department   | 856-825-7010  |
|   | Cumberland Co. Sheriff's Office   | 856-451-4449  |
|   | Cumberland County Emergency Services  | <b>9-1-1</b>  |
|   | Cumberland Campus Security<br>856-200-4706 (Direct)   | Andres Lopez, Director<br>Safety and Security<br>856-691-8600, ext. 1777  |
| <b>Non-Confidential</b><br><br>On-Campus Reporting Support Services | Almarie J. Jones<br>Special Assistant to the President<br>Diversity and Equity, Title IX and Compliance | 856-415-2154<br>College Center, room116<br><a href="mailto:ajones@rcsj.edu">ajones@rcsj.edu</a>   |
|   | Nathaniel Alridge, Jr., JD, Director<br>Diversity and Equity, Title IX and Judicial Affairs             | 856-200-4712<br><a href="mailto:nalridge@rcsj.edu">nalridge@rcsj.edu</a><br>Academic Building, 2nd floor  |
|   | Kellie W. Slade<br>Executive Director<br>Student Services, Student Life                                 | 856-200-4615<br><a href="mailto:kslade@rcsj.edu">kslade@rcsj.edu</a><br>Student Life Building (near gym)  |
| <b>Confidential</b><br>On-Campus Counseling and Support Services    | Heather Bense, LCSW, ACS<br>Director  | 856-200-4759<br><a href="mailto:hbense@rcsj.edu">hbense@rcsj.edu</a><br><a href="#">Academic Building downstairs</a>                                      |
|   | John Wojtowicz, LSW, VACW<br>Mental Health Counselor  | 856-200-4760<br><a href="mailto:jwojtowicz@rcsj.edu">jwojtowicz@rcsj.edu</a>  |
|   | <b>Student Counseling and Wellness Center</b>   | <b>Academic Building – 1st floor</b>  |
| <b>Confidential</b><br>Off-Campus Full-Service Support              | <b>Center for Family Services – Services Empowering Rights of Victims (SERV)</b>                        | 24/7 Hotlines<br><b>Cumberland Co. – 1-800-225-0196</b><br>Camden & Glo. Co. 1-866-295-7378<br><a href="http://centerffs.org/serv">centerffs.org/serv</a> |
| <b>Sexual Assault Nurse Examiner on Site</b>                        | <b>Inspira Medical Center<br/>Vineland</b>  | <b>1505 W. Sherman Ave., Vineland, NJ<br/>856-641-8000</b>  |