# COURSE SYLLABUS

**Course Title:** Photographic Computer Manipulations  
**Department:** Art  
**Curriculum:** Photography  
**Course Code:** ART*245  
**Course Type:** Z  
**Elective Type:** FA/G/HU/LAS  
**Credit Hours:** 3  
**Developmental:** No  
**Contact Hours:**  
- Lecture: 2  
- Clinical: 0  
- Lab: 0  
- Studio: 2  
- Other: 0  
- TOTAL: 4  
**Class Maximum:** 20  
**Semesters Offered:** F/Sp  

## Prerequisites:  
C- or better in Photography I (ART*141) plus either Introduction to Computer Graphics (GRA*110), Electronic Painting and Drawing (ART*220), or consent of the Program Coordinator.

## Corequisites:  
None

## Other Requirements:  
None

### Ability Based Education (ABE) Statement  
At Tunxis Community College students are assessed on the knowledge and skills they have learned. The faculty identified the General Education Abilities critical to students' success in their professional and personal lives. In every class, students are assessed on course abilities, sometimes program abilities, and, in most classes, at least one General Education Ability. Students will receive an evaluation of the degree to which they have demonstrated or not demonstrated that General Education Ability.

### Catalog Course Description:  
This computer-based course focuses on the use of the computer to alter and manipulate photographic images. Slide scanning, flatbed scanning, and image conversion will be addressed. A thorough examination is made of basic digital electronic techniques, output means, and the possibility of image alterations. Styles and opportunities in the field will be discussed.

### Topical Outline:  
1. Basic input devices, negative and positive scanning  
2. Image editing  
3. Filters, levels, contrast adjustment, lighting  
4. Scaling, surface enhancement  
5. Integrating images  
6. Portfolio presentation

### Outcomes:  
Upon successful completion of this course, the student will be able to do the following:
**Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.**

**COURSE:**
1. develop basic computer imaging techniques
2. develop aesthetic visualization
3. learn scanning techniques
4. develop computer technical skills as applied to photography
5. increase flexibility awareness
6. learn layering techniques
7. develop strong portfolio presentations

**PROGRAM:** *(Numbering reflects Program Outcomes as they appear in the college catalog)*
N/A

**GENERAL EDUCATION:** *(Numbering reflects General Education Outcomes as they appear in the college catalog)*
1. **Aesthetic Dimensions** - Students will understand the diverse nature, meanings, and functions of creative endeavors through the study and practice of literature, music, the theatrical and visual arts, and related forms of expression.
   - **Demonstrates:** Identifies and describes formal aspects, historical or cultural context, and aesthetic elements of the genre with clarity and appropriate vocabulary.
   - **Does Not Demonstrate:** Unable to clearly identify and describe the formal aspects, historical context, and aesthetic elements of the genre.

**Evaluation:**
List how the above outcomes will be assessed.
Assessment will be based on the following criteria:

**Instructional Resources:**
List library (e.g., books, journals, online resources), technological (e.g., Smartboard, software), and other resources (e.g., equipment, supplies, facilities) required and desired to teach this course.
- **Required:** None
- **Desired:** None

**Textbook(s)**
Refer to current academic year printout.