

**Grande Prairie Redon College  
Visual & Performing Arts Department**

**AR2190**

**Technology and the Visual Arts 3 II (3-3) Lab varies, UT (3) pending**

- 1. Prerequisite:** AR 2180 or consent of the department.
- 2. Catalogue Description:**  
A continuation of AR 2180 and the exploration of the emerging discipline of visual technology as it applies to the visual arts. Students will use microcomputers as an art tool in the production of art in a studio environment. This is a user oriented course and as such will focus on using and responding to the technology for visual communication. There will, however, be continued emphasis on the theoretical implication of technology.
- 3. Course Objectives: Students will:**
  - a. Utilize computer skills developed in AR 1080 appropriate to the visual arts
  - b. Expand their own personal vocabulary for expression and communication.
  - c. Analyze the philosophical and aesthetic implications of the new technology.
- 4. Course Content:**  
Classes will be in the form of seminars and workshops concentrating on specific topics such as:
  - a. Visualization and imaging
    1. History of Computer imaging
    2. State of the Art
  - b. Projects determined by individual interest.
  - c. Seminar/workshop topics
    1. Image processing
    2. Video and graphic mixing
    3. Desktop publishing
  - d. Visual Truth
    1. Cezanne's cylinders, cones and spheres.
    2. Mandelbrodt's monstrosities
    3. Virtual Reality, Cyber space
  - e. Multimedia, interactivity and frontiers of art
- 5. Assignments Assignments:**  
Assignments will be designed to foster understanding in both the theoretical and practical aspects of the technology for visual communication. A portfolio of work that culminates in one major project will be required. An oral and written presentation will accompany the final portfolio.
- 6. Evaluations**
  - a. Mark distribution
    1. Term assignments 40%
    2. Final portfolio 50%
    3. Participation 10%

b. Mid-term

1. A number of grade based on the assignments completed. The midterm grade is an indicator only for determining student progress in the course.

Note: More than 10% absenteeism may constitute a failure except for medical or extenuating circumstances in which case a doctor's letter will be required. Lateness will be noted.

7. Readings:

Students will be directed to selected readings in such journals as *Leonardo and Verbum*, as well as *ARTCRIT* and *ISAST* journal on the Internet.

Freidhoff, R.M. *The Second Computer Revolution - Visualization*. New York: W.H. Freeman and Company, 1991.

Goodman, C. *Digital Visions - Computers and Art*. New York: Harry N. Abrams Inc., 1990.

Appropriate manuals for software applications and hardware.