Global Learning Semesters
Course Syllabus
Course: DES-341 CAD & Mixed Media
Department: Design
Host Institution: University of Nicosia, Nicosia, Cyprus

Course Summary		
Course Code	**Course Title**	**Recommended Credit Hours**
DES-341	CAD & Mixed Media	3
Semester Offered	**Contact Hours**	**Prerequisites**
Fall	42	DES- 241
Department	**Level of Course**	**Language of Instruction**
Design	Upper Division	English

Course Description

- 3D modeling
- Perspectives/Axonometric
- Texture/color rendering
- Materials presentation
- Lighting arrangements
- Scanning
- Photoshop, Photomontage

Instructor

Maria Hadjisoterior

Course Aims and Objectives

The course is designed as a continuation to DES-241 to teach the student advanced capabilities of computerized design and to assist them in exploring new, personal presentation styles. It uses a full-featured 3D computer aided design product for drafting, design, visualization, analysis, animation and modeling. A powerful 3D surface modeling and visualization environment help students turn their ideas into reality. At the completion of the course the student should be able to produce 3D graphic files, view perspectives and axonometric of 3D drawings and to follow all the procedures necessary to prepare a drawing from initial design creation through final plot output. Emphasis is placed on rendering using the computer through realistic presentations of color, texture, materials and light sources. Multimedia techniques are also explored including scanning, photomontage, use of Photoshop, 3D Studio Max and mixed media techniques.

Teaching Methods

The course is delivered through a mixture of lectures, studio presentations, studio tutorials and practical exercises and assignments.

Course Teaching Hours

42 hours. The course is delivered during the fall semesters in 14-weeks (3 hours/week).

Evaluation and Grading

Homework: 20%
Mid-Term: 30%
Final Exam: 50%

Readings and Resources

Required Textbook
There is no required textbook in this course.

Recommended Reading
Spalder, A. (1999) The computer in the visual arts; Addison-Wesley Publishing Company UK
McKelvey, R. (1998) Hypergraphics; Rotovision UK
Wright, M. (1995) An introduction to mixed media; Dorling Kindersley UK
Agosto ed. (1998) Photoshop Masters; Rockport Publishers MA