

# SENATE COMMITTEE ON CURRICULAR AFFAIRS COURSE PROPOSAL FORM

Principal Faculty Member Proposing Course:

College: **Arts & Architecture**

Department or Instructional Area:

Type of proposal: Add  **X Change**  Drop

Type of review requested: Full  **X Expedited** (See [Guide to Curricular Procedure](#) for definitions of a full or expedited review.)

Course designation:

Abbreviation: **ARCH** Number: **121**

Course Title: **VISUAL COMMUNICATIONS I**

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Complete for special categories of UNDERGRADUATE (001-499) course proposals (check, if appropriate):

General Education

- Writing/Speaking (GWS)
- Quantification (GQ)
- Health and Physical Activity (GHA)
- Natural Sciences (GN)
- Arts (GA)
- Humanities (GH)
- Social and Behavioral Sciences (GS)

Bachelor of Arts Course: Arts  Humanities  Soc/Behavioral Sci.  Other Cultures   
Honors (H) or Honors/Writing (M) or Honors/IIC (U) or Honors/1st-Year Seminar (T)   
United States Cultures (US)  International Cultures (IL)  or One-semester (GI)   
Writing-Intensive (W) Permanent  or One-semester (W)

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SUBMITTED BY \_\_\_\_\_ Date \_\_\_\_\_  
Head of Department (or person in charge of instructional area)

REVIEWED BY \_\_\_\_\_ Date \_\_\_\_\_  
College Representative (Senate Committee on Curricular Affairs or Graduate Council Subcommittee on New and Revised Programs and Courses)

APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_  
Dean of the College (or appropriate administrative officer)

After securing signatures, submit the following to the Curriculum Coordinator, University Faculty Senate, 101 Kern Graduate Building: (1) FULL REVIEW UNDERGRADUATE proposals, 1 copy of this form and 25 copies of supporting documentation; (2) FULL REVIEW GRADUATE proposals, 1 copy of this form and 15 copies of supporting documentation; (3) EXPEDITED REVIEW PROPOSALS, 1 copy of this form and 4 copies of supporting documentation.

## Supporting Documentation Required For *Changed* Courses

### A. University *Bulletin* listing

1. Present <i>Bulletin</i> listing	
<b>a. Abbreviation</b>	ARCH
<b>b. Number</b>	121
<b>c. Title</b>	Visual Communications I
<b>d. Abbreviated Title *</b>	Visual Comm I
<b>e. Credits</b>	2
<b>f. Description **</b>	Abstract, symbolic, and representation of systems of communications. Development of visual and graphic skills and techniques.
<b>g. Prerequisite(s)</b>  * 18 bytes or less ** 20 words or less	First semester standing in the architecture curriculum. Concurrent: ARCH 131
2. Proposed <i>Bulletin</i> listing	
<b>a. Abbreviation</b>	ARCH
<b>b. Number</b>	121
<b>c. Title</b>	Visual Communications
<b>d. Abbreviated Title *</b>	Visual Comm
<b>e. Credits</b>	3
<b>f. Description **</b>	Abstract, symbolic, and representation of systems of communications. Development of visual, graphic and digital skills and techniques.
<b>g. Prerequisite(s)</b>  * 18 bytes or less ** 20 words or less	First semester standing in the architecture curriculum. Concurrent: A & A 101 and A & A 102S

## **B. Course Outline**

### **1. Old Course Outline (a brief outline of course content):**

**Major Topics (a listing of major topics to be covered with an approximate length of time allotted for their discussion):**

- To learn the fundamentals of drawing, specifically line, geometry, orthographic projections, paraline and perspective drawings.
- To understand abstract, symbolic and representational systems of communications and develop visual and graphic skills and techniques.

### **2. New Course Outline (a brief outline of course content):**

**Major Topics (a listing of major topics to be covered with an approximate length of time allotted for their discussion):**

- To learn the fundamentals of drawing, specifically line, geometry, orthographic projections, paraline and perspective drawings.
- To understand abstract, symbolic and representational systems of communications and develop visual and graphic skills and techniques.
- To learn the fundamentals of computer aided architectural design and architectural graphics through software/hardware applications.

## **C. Description of the Course (400 word maximum)**

To learn the fundamentals of drawing, specifically line, geometry, orthographic projections, paraline and perspective drawings. To understand abstract, symbolic and representational systems of communications and develop visual and graphic skills and techniques. To learn the fundamentals of computer aided architectural design and architectural graphics through software/hardware applications. These skills and principles are imparted primarily through studio-based assigned projects.

## **D. Faculty Responsible for Course Development**

Daniel E. Willis, Professor and Head, Architecture

## **E. Justification Statement**

### **1. Instructional, Educational, and Course Objectives (this section should define what the student is expected to learn and what skills the student will develop):**

The purpose of the Visual Communications course is to acquaint students with the various methods and techniques that architects use to communicate ideas through drawing. Students will become comfortable with the techniques of drawing by hand, both freehand and aided by drafting tools, and be introduced to computer-aided design through architectural graphics software. The emphasis of this course is on drawing as a process and a product. Students will study and learn to read graphic methods of representing three-dimensional spatial form on a two-dimensional surface and learn how to express and explore architectural ideas through drawing. These skills are required to perform as a professional architect.

Visual Communications is organized as an interactive studio environment combining lectures and demonstrations with individual instruction. This approach will allow students to access the information and approaches of each of the faculty and to benefit from the collective experience. The class will meet for three-hours, twice a week. The basic concepts and theory of documenting, representing and presenting architectural ideas will be introduced through a series of lectures, seminars and examples. In studio, skills will be developed through project workshops. Instruction includes working sessions, individual desk reviews and group discussions.

### **2. Evaluation Methods (Include a statement that explains how the achievement of the educational objectives identified above will be assessed. The procedures for determining students' grades should be specifically identified):**

No change

### **3. Relationship/linkage of Course to Other Courses (this statement should relate the course to existing or proposed new courses. It should provide a rationale for the level of instruction, for any prerequisites that may be specified, or for the course's role as a prerequisite for other courses):**

Arch 121 is required to be taken concurrently with A & A 101 and A & A 102S. It is an introductory course to Visual Communications and is taken during the first semester of the B.S. and B.Arch. degrees in Architecture. First-year standing in architecture curriculum. There are no prerequisites for Arch 121.

### **4. Relationship of Course to Major, Option, Minor, or General Education (This statement should explain how the course will contribute to the major, option, or minor and indicate how it may function as a service course for other departments):**

No change

**5. Consultation with Appropriate Departments and Academic Support Units (The unit originating the proposal should consult all units with a known interest in the subject field, not simply those in the same college. Consultation should take place at the department and/or college level and should include department members at all locations. Some duplication of instruction is inevitable, but the Senate Committee on Curricular Affairs is concerned with keeping such duplication to a minimum. A written statement of consultation from related units and programs is required. Such advance consultation is one way to avoid later holds and referrals):**

The course proposal for Arch 121 was circulated to all faculty in the College of Arts and Architecture and all Associate Deans of colleges at University Park and the chief academic officers, or their representatives, at all other campuses.

**6. If the course is to be offered by several colleges, a joint proposal should be submitted.**

No change

**7. A description of any special facilities (e.g. labs or equipment) required to teach the course effectively should be included in the proposal.**

No change

**8. The Technology Needs for Course Proposals form must be completed for new courses or changes in courses that have technology needs, i.e., computer projection equipment, etc. The information on the completed form will NOT be used as a criterion for accepting or rejecting a proposed course, but would provide information on the seemingly ever-expanding computer needs of the University.**

No change

**9. Frequency of Offering and Enrollment (Indicate how many students are expected to enroll and how often the course will be taught):**

**Current:** Arch 121 is offered each fall semester to 85-95 first semester Architecture majors.

**Proposed:** Same

**F. Effective Date** (the standard effective date for new courses is the first semester following approval on the Senate Curriculum Report)

First semester following approval on the Senate Curriculum Report.