

**Broward Community College**  
Department of Architecture and Design

Robert E. Burghardt, Architectural Lecturer  
2005-2006 Fall Semester

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| <b>Course Syllabus ARC 1126C Architectural Drawing</b> |
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**Course Title:** Architectural Drawing  
**Course Number:** ARC 1126C  
**Credit Hours:** 4  
**Contact Hours Breakdown:** Lecture 16; Lab 48  
**Pre/Co-requisites:** ARC 1301 Design 1; ARC 2201 Theory of Architecture

**BCC Catalog**

**Course Description:** An introduction to principles, methods and applications of architectural drawing. Basic drafting tools will be used to learn orthographic projection to draw multi-view drawings including architectural design floor plans, elevations and sections, single-view drawings including paraline axonometric drawings and perspective drawings including one- and two-point.

**Narrative:** Architectural drawings communicate information by visual means. Students must be able to effectively speak to their intended audience about design issues, concepts, means of construction, and imagery. This class is intended to couple with the spatial typology, ordering principal and spatial organization exercises taught in Architectural Design I.

**Required Text:** Architectural Graphics. Frank Ching, New York: John Wiley and Sons, 4<sup>th</sup> Edition, 2002.  
Design Drawing. Frank Ching, New York: John Wiley and Sons, 98 Edition. (Includes CD)  
Perspective. William F. Powell: Laguna Hills, California: Walter Foster Publishing, 89 Edition.

**Reference Text:** Architectural Drawing: A Visual Compendium of Types and Methods. Rendow Yee, New York: John Wiley and Sons, 2<sup>nd</sup> Edition, 2002.  
Drawing, The Creative Process. Frank Ching, New York: John Wiley and Sons, 1997.  
Presenting Architectural Designs: Three-dimensional Visualization Techniques. Koos Eissen, New York: Van Nostrand Reinhold, 1990.

**Instructor:** Robert E. Burghardt, Architect  
Master of Architecture, School of Architecture and Community Design,  
University of South Florida, 1998.

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**Consultations:** Immediately after class or by appointment.

**Attendance:** Students must be punctual and attend all classes. If the student misses two (2) consecutive classes or the student has four (4) or more non-consecutive absences without a documented medical reason or family emergency leave, then they will receive an "F". It is up to the student to fill out the proper paperwork with the college if they are withdrawing from the class. If you are going to miss class, you need to call me prior to scheduled class time.  
Assignment due dates will be enforced and no late submissions will be accepted or critiqued; unless, the student has a documented medical reason or a family emergency leave. Students are expected to come to class prepared for critiques and to work.

**Performance Evaluation:**

The pace of the class is swift and time management will be critical for the success of your semester and education. Extracurricular activities and work will not be an excuse for not being prepared each class and not fulfilling all of the requirements for presentations. **NO LATE WORK WILL BE ACCEPTED!**

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|--------------------------------------|-----|
| Drawing Assignments (5 points each): | 50% |
| Midterm:                             | 10% |
| Final:                               | 15% |
| Participation and Attendance:        | 25% |

An evaluation sheet will be used for the assignments and projects: each category will have an excellent, above average, fair or average, poor, very poor and not-included rating which will determine the score. For example: an "excellent" will be given a score of "5" and an "average" will be given a score of "3". All of the points are added and divided into the maximum possible score. This percentage is multiplied by the number of points toward the final grade. Points for participation and attendance are based on class time management, showing up on time, attendance, attitude, willingness to learn and to accept criticism, degree of improvement and the ability to work with others. At the end of the semester, the points will be added and assigned a letter grade corresponding to the appropriate A to F criteria:

|   |          |                                 |
|---|----------|---------------------------------|
| A | 90-100   | Exceptional work                |
| B | 80-89    | Above average work              |
| C | 70-79    | Average class standard          |
| D | 60-69    | Deficient work, below standards |
| F | below 60 | Failure                         |
| X | audit    |                                 |

**Materials:** Materials include, but are not limited to, drafting equipment, writing instruments esp. inking, tracing paper, vellum, mylar. **Students must be prepared to work on their projects during class hours- work during class directly affects the grade.**

**Student Regulations:** As stated in the Broward Community College Catalog, students are expected to strictly adhere to “academic honesty” and not to breach copyright laws. Students are required to act as not to disrupt the academic performance and education of another. It is up to the student to understand all the rights and obligations in the Broward Community College Catalog. Remember, your education is dependent upon what you put into it.

**Computer Use:** **No computer drawings will be allowed in this drawing class.**

**Note:** All assignments and information pertinent to the course will be handed out in class. If you miss class or lose the material, it is your responsibility to obtain the material. For your convenience, I always make an effort to post the material on my website: [www.geministudios-miami.com](http://www.geministudios-miami.com). (Go to: Architecture/College Class Information).