



## IND2421 Introduction to Furniture Design

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**Course Description:** Hands-on course dealing with the theoretical and practical considerations for designing and building furniture and cabinetry. Students will learn basic principles of designing furniture through researching history, theory, materials, methods and design considerations associated with the construction of furniture. Laboratory fee.  
(3 hr. lecture) ( 3 hr. lecture )  
Prerequisite: IND1200 , ARC1302

Course Competency	Learning Outcomes
<p><b>Competency 1:</b> The student will learn about the history and theory of furniture making by:</p>	<p>2. Numbers / Data 3. Critical thinking 4. Information Literacy 8. Computer / Technology Usage 9. Aesthetic / Creative Activities</p>
<p>1. 1.Researching and studying furniture pieces. 2.Understanding the various styles and historic periods in the evolution of furniture. 3.Producing freehand and technical drawings of case study pieces. 4. Understanding different methods of graphic representation including diagrams, perspective and mechanical drawings.</p>	
<p><b>Competency 2:</b> The student will learn about wood joinery by:</p>	<p>2. Numbers / Data 4. Information Literacy 8. Computer / Technology Usage 9. Aesthetic / Creative Activities</p>
<p>1. 1.Becoming familiar with basic traditional and modern joinery. 2.Sketching basic joints used in furniture and cabinet making. 3.Producing scaled joints to be used in furniture assemblies. 4.Becoming familiar with commonly used millwork materials and equipment.</p>	
<p><b>Competency 3:</b> The student will learn to design and construct a furniture piece by:</p>	<p>2. Numbers / Data 4. Information Literacy 8. Computer / Technology Usage 9. Aesthetic / Creative Activities</p>
<p>1. 1.Producing drawings that illustrate the main conceptual features of a project. 2.Creating scaled shop drawings. 3.Choosing the appropriate type, cut or wood species. 4.Assembling components of a furniture piece. 5.Producing a finished piece of furniture.</p>	