

**INDES 352**  
**MONDAY & WEDNESDAY**  
**INSTRUCTOR**  
**LOCATION**

**DESIGN & FABRICATION**  
**4:30PM- 7:50PM**  
**PETER BENARCIK**  
**C162**

### **COURSE DESCRIPTION**

*Gives practical experience in designing and building furniture. Students combine knowledge of design theory and processes, materials, and drawings with hands-on experience in the shop. Topics include engineering basics, manufacturing processes, joinery, and finishes.*

*Either INDES 152 or INDES 352 may be taken for credit, not both.*

*Prerequisite: Acceptance to the program or permission of instructor.*

### **COURSE OUTLINE**

*This course is geared to you, the Interior Design student, as opposed to the person who desires to be a professional maker of furniture. Therefore it is more design oriented than technical in nature. Though these are not exclusive to each other, the course is designed within the short amount of time we have to give you general information about the characteristics and properties of various materials, simplified joinery, shop machine and tool use, and specific information and techniques about the furniture design process itself.*

*The course will allow you great individual design and creative freedom within the time constraints of this one quarter studio course. The objective is to give you some practical 'hands on' experience in the workshop environment, and the experience of completely working through a project utilizing a specific design process, analyzing and doing the construction process, while identifying and solving design and construction issues on the way to completing the finished piece.*

### **COURSE CONTENT**

*Lectures and demonstrations within the workshop environment*  
*Project #1 -Working Prototype*  
*Project #2 -Final Furniture Piece*

### **REQUIRED SUPPLIES**

*8.5" x 11" sketch book or similar*  
*12"-18" Trace paper or similar*  
*Pen, Pencils, Markers, etc*  
*Various material samples, finishes, etc*

## **INTERIOR DESIGN**

**BELLEVUE COLLEGE**  
**3000 LANDERHOLM CIRCLE SE**  
**BELLEVUE, WA 98007-6484**

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**GRADING**

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*Each student will come to the class with a certain skill set, hopefully you will leave with a considerably larger one. Quality of work and grading is not gauged according to other students, rather it is determined from the individual skill sets of each student. I will however gauge the amount of effort and participation a student shows against other students, so in a sense you are competing against others for 25% of your grade.*

*Your final grade in this class will be calculated based on the percentages and numerical values listed below. I will grade each assignment and return it to you in a timely manner as a record of your status in the class. I will hold the grading of effort and class participation until the end of the quarter to allow for an overall perspective. If you have any questions or concerns about your grades, please see me as soon as possible.*

*If you have a conflict with any deadline contact me as soon as possible so that we can find a resolution to the problem, usually I will ask that your project be submitted ahead of time.*

**LATE WORK WILL NOT BE ACCEPTED,  
GRADED OR COMMENTED ON**

*Please be aware that simply attending class and completing the required assignments will not entitle you to an "A" in this class. Doing what is required of you is not outstanding, it is satisfactory and will thus entitle you to a "C" in this class. If you have any questions, please review the grading policy of the school at: <http://bellevuecollege.edu/catalog/enroll/grades.asp>*

*An "Incomplete" grade may be awarded only in cases where extenuating circumstances have prevented the student from completing no more than one of the projects or tests for the quarter. To be eligible for an "I" grade, the student must have prior approval of the instructor. Questions about grades, including an approximation of the letter grade earned to date, will be welcomed at any time during the quarter.*

<b>EFFORT AND PARTICIPATION</b>	<b>25%</b>
<b>WORKING PROTOTYPE</b>	<b>25%</b>
<b>FINAL FURNITURE PIECE</b>	<b>50%</b>

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## **STUDIO REQUIREMENTS**

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*This is a professional program that demands a professional attitude. You should be on time for class, as it shows respect for yourself and fellow classmates. Any announcements, class changes, etc will be discussed at the beginning of class.*

### **LATE WORK WILL NOT BE ACCEPTED, GRADED OR COMMENTED ON**

*You should be prepared to present your work at the beginning of every class, your participation in class is required, you all have opinions and we wish to hear them. There are no wrong questions or wrong answers in this class. If you do not understand an assignment, concept or method, it is your responsibility to let me know. My office hours are posted on their office doors, please use them.*

*In order for your work to communicate your true intentions it is vital that you bring a complete concept visually illustrated to class each week -whether or not the whole of the project is finished. Your work must be well thought out and appear neat and professional. Good craft is critical.*

*Anyone dropping this course beyond the time allowed by the college will receive a failing grade and will have to repeat the course at a future time. This is to save everyone wasted time and effort. This is a studio course, and therefore very time and labor intensive. Please be realistic about your class scheduling.*

*Please be aware of and review all other requirements for both the Arts and Humanities Division and Bellevue College found online at:  
<http://bellevuecollege.edu/artshum/AHGdlns-StdntGrwth.htm>  
<http://bellevuecollege.edu/artshum/policy.html>*

## **ACCOMMODATIONS**

*The Disability Resource Center serves students with a wide array of learning challenges and disabilities. If you are a student who has a disability or learning challenge for which you have documentation or have seen someone for treatment and if you feel you may need accommodations in order to be successful in college, please contact us as soon as possible.*

*If you are a person who requires assistance in case of an emergency situation, such as a fire, earthquake, etc, please meet with your primary instructor to develop a safety plan within the first week of the quarter.*

*The DRC office is located in B 132 or you can call our reception desk at 425.564.2498. Deaf students can reach us by video phone at 425-440-2025 or by TTY at 425-564-4110 Please visit our website for application information into our program and other helpful links at: [www.bellevuecollege.edu/drc](http://www.bellevuecollege.edu/drc)*

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### **ACADEMIC HONESTY**

*The principle of academic honesty underlies all that we do and applies to all courses at Bellevue College. One kind of academic dishonesty is plagiarism, which may take many forms, including, but not limited to, using a paper written by someone else, using printed sources word-for-word without proper documentation, and paraphrasing or summarizing the ideas of others without acknowledging the source as well as submitting work from a prior class. Plagiarism can also occur when non-written ideas are taken without documentation--using someone else's design or performance idea, for example. In short, plagiarism amounts to intellectual theft--whether or not it was your intention to steal.*

*Participating in academic dishonesty in any way, will result in severe penalties. Dishonestly produced papers and documents automatically receive a grade of "F" without the possibility of make-up. The Dean of Student Services will also be notified of such conduct.*

*Individual instructors will clarify documentation requirements for specific assignments. If you have any doubts as to whether you are documenting properly, do not hesitate to consult your primary instructor.*

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**RECOGNITION OF SYLLABUS**

*The syllabus is a contract between the student and instructor, establishing the learning outcomes and context, as well as the expected conduct, rights, and responsibilities of students in this class. It is important that you understand and are prepared for the learning experience ahead by understanding the syllabus contents.*

*Please sign below, as confirmation that you've read the syllabus and that you will discuss with the instructor any issues that you consider confusing, problematic, or open to dialogue with the entire class. If your discussion is of a personal nature, please make an appointment with me, rather than discuss it during class.*

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*Please print name*

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*Signature*

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*Instructor*

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*Date*

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**COURSE SCHEDULE**

*(schedule may vary according to student progress -  
all changes will be announced in class)*

<b>WEEK</b> <b>01</b>	<b>APR 01 M</b> <b>APR 03 W</b>	shop tooling	introduction to class desk reviews
<b>WEEK</b> <b>02</b>	<b>APR 08 M</b> <b>APR 10 W</b>	materials and methods lecture	desk reviews desk reviews
<b>WEEK</b> <b>03</b>	<b>APR 15 M</b> <b>APR 17 W</b>	materials and methods lecture	desk reviews desk reviews
<b>WEEK</b> <b>04</b>	<b>APR 22 M</b> <b>APR 24 W</b>	materials and methods lecture	desk reviews desk reviews
<b>WEEK</b> <b>05</b>	<b>APR 29 M</b> <b>MAY 01 W</b>	<b>WORKING PROTOTYPE</b>	desk reviews class review
<b>WEEK</b> <b>06</b>	<b>MAY 06 M</b> <b>MAY 08 W</b>	finishes lecture	desk reviews desk reviews
<b>WEEK</b> <b>07</b>	<b>MAY 13 M</b> <b>MAY 15 W</b>		desk reviews desk reviews
<b>WEEK</b> <b>08</b>	<b>MAY 20 M</b> <b>MAY 22 W</b>	<b>PETER OUT</b> <b>PETER OUT</b>	
<b>WEEK</b> <b>09</b>	<b>MAY 27 M</b> <b>MAY 29 W</b>	<b>NO CLASS</b>	desk reviews
<b>WEEK</b> <b>10</b>	<b>JUN 03 M</b> <b>JUN 05 W</b>		desk reviews desk reviews
<b>WEEK</b> <b>11</b>	<b>JUN 10 M</b>		desk reviews desk reviews
<b>WEEK</b> <b>FINAL</b>	<b>JUN 12 W</b>	<b>FINAL FURNITURE PIECES INSTALLED BY 5:00PM</b>	

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**MATERIAL SOURCES**

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**TAP PLASTICS**

- *Plastics, adhesives*

**TACOMA SCREW**

- *Hardware, small screws, nuts, bolts, tools*

**STONEWAY HARDWARE**

- *Hardware, small screws, nuts, bolts, tools*

**HAEFELE**

- *Fittings, hardware, mechanical*

**MCMMASTER**

- *Fittings, hardware, mechanical, raw materials*

**GRAINGER**

- *Fittings, hardware, mechanical, raw materials*

**WOODWORKER'S SUPPLY**

- *Tooling, fittings, hardware, mechanical, finishes*

**WOODCRAFT**

- *Hardwoods, sheet goods, glue, dowels, finishes, hinges*

**ROCKLER**

- *Hardwoods, sheet goods, glue, dowels, finishes, hinges*

**COMPTON HARDWOODS**

- *Hardwoods, sheet goods, glue, dowels*

**CROSSCUT HARDWOODS**

- *Hardwoods, sheet goods, glue, dowels*

**EVERETT STEEL**

- *Metal: brass, aluminum, steel sheet, tubing, rod*

**ALASKA COOPER AND BRASS**

- *Metal: brass, aluminum, steel sheet, tubing, rod*

**PACIFIC IRON AND METAL**

- *Scrap metal, salvage goods, brass, aluminum, steel sheet, tubing, rod*

**DALY'S**

- *Paint, finishes, stains, patinas*

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