

INDES 395
MON, WED
INSTRUCTOR
LOCATION

RHINO
9:30AM- 1:00PM
JOHN PASSMORE
L116

COURSE DESCRIPTION

Introduces fundamental concepts and methods for planning, organizing, and arranging digital models using Rhinoceros 3D modeling software. Various exercises throughout the quarter will be used to illustrate various strategies for generating three dimensional form using Rhino.

COURSE CONTENT

*Lectures and demonstrations within the design studio environment
Student assignments consisting of modeling exercises.
Presentation of strategies contemporary designers use to navigate the software.
Informal projects to gain familiarity with various design methodologies.*

COURSE OUTLINE

Strategies for addressing complex projects:

*Basic Modeling
2D Modeling
Precision Modeling
3D Modeling
Editing Objects
Deformable Shapes
Solid Modeling
Surface Modeling
Object Modeling
Rhino Rendering
Flamingo Rendering
Curve Analysis
Architectural Modeling
Layouts*

RECOMMENDED CLASS TEXTS

*Folds, Bodies, and Blobs; Ed. Greg Lynn
Rhinoceros: Nurbs Modeling For Windows*

INTERIOR DESIGN

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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 instructor.

ACCOMMODATIONS - DISABILITY RESOURCE CENTER

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 individual instructors 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

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GRADING

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 based on outlined project requirements and return it to you in a timely manner as a record of your status in the class. I will hold the grading of attendance, effort and class participation until the end of the quarter to allow for an overall perspective.

Work is to be turned in on time, as scheduled. Late work will not be accepted, graded or commented on. If you have a conflict with any deadline, I usually ask that your project be submitted ahead of time.

LATE WORK WILL NOT BE ACCEPTED GRADED OR COMMENTED ON NO EXCEPTIONS

If you have any questions or concerns about your grades, please see me as soon as possible. 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.

Attendance, effort, class participation	25%
Exercises 1-3	75%

Numeric Grade Scale:	100 - 94 = A
	93 - 90 = A-
	89 - 87 = B+
	86 - 83 = B
	82 - 80 = B-
	79 - 77 = C+
	76 - 73 = C
	72 - 70 = C-
	69 - 60 = D
	< 59 = F

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STUDIO REQUIREMENTS

This is a professional program that demands a professional attitude. Your attendance is mandatory. Attendance will be taken at the beginning of class with a sign-in sheet, you are responsible to sign-in at the beginning of each class period. You should be on time for class, as it shows respect for yourself and fellow classmates. Later in the quarter, if you choose not to review your progress with me, you must still sign in on the list and simply note "no talk" next to your name

LATE WORK WILL NOT BE ACCEPTED, GRADED OR COMMENTED ON NO EXCEPTIONS

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 I 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 anytime, to be arranged by email. use them or lose them.

IF A VERBAL PRESENTATION IS PART OF AN ASSIGNMENT, YOU MUST PRESENT IN CLASS IN ORDER TO HAND IN THE ASSIGNMENT.

NO ASSIGNMENTS WILL BE ACCEPTED IF YOU HAVE NOT PRESENTED THE WORK IN CLASS AS SCHEDULED

In order for your work to communicate your true intentions it vital that you bring a complete concept 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 dense 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/AHGdIns-StdntGrwth.htm>
<http://bellevuecollege.edu/artshum/policy.html>*

IMPORTANT LINKS:

Interior Design Department:

<http://bellevuecollege.edu/ArtsHum/interiordesign/>

Interior Design Student Association:

<http://idsainfo.blogspot.com/>

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ENTRY INFORMATION

Blue Cards:

Students for the most part can self-register.

If a student is trying to register for a class and it is full, they will need a blue card. If they are trying to register a time conflict class, IE an overlap of any time in their schedule, they need a blue card.

Blue cards can be obtained at the Division office R-230. Online classes, the student must complete the online blue card request. Found here: <http://bellevuecollege.edu/services/bluecard.asp>

The student must have you complete the blue card with the course information and faculty, program chair or program manager signature. If the student needs an entry code to add the class, please refer them to the Entry Code Procedure.

Entry Codes:

Entry Codes must be requested by email. Detailed information is required to process entry code requests:

Please refer students who need entry codes to the Interior Design Department Website so their request is complete.

<http://bellevuecollege.edu/artshum/interiordesign/Entry%20Codes.html>

Certain classes offered each quarter may require entry codes if:

- It is a special topic course
- You've transferred credits from another college
- You are trying to take a course out of sequence because of work or family.

To request an entry code please e-mail indes.advisor@bellevuecollege.edu and include:

- The course number, the class name and the item number.
- the quarter you are requesting a code for
- why you need the code (you transferred credits or need to take a course out of sequence)
- your phone number
- your student id number.

Please allow at least one business day to receive a response to your request. Requests sent on Fridays after 3:00pm or on weekends may take until Tuesday to be answered.

Please don't call the Interior Design Program office for Entry Codes.

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ENTRY INFORMATION

Interior Design @ BC List Serve

To help students stay informed, the Interior Design Department has created a listserv. An email bulletin board that allows faculty to reach students in the program with the latest program related information and announcements. We recommend that you subscribe to the listserv.

This is how you do it: Send an email to id@clublists.bellevuecollege.edu

Type the word subscribe in the subject line. Shortly afterwards you will receive an email confirmation from the list. You must reply to this message to complete the process. When you wish to remove yourself from the list you need only send an email to the listserv address with the word unsubscribe in the subject line. You will receive a confirmation notice that you have been removed from the list. Students have reported difficulty subscribing to the listserv through Hotmail, Comcast, and other providers. If you receive a "List Posting Error Notification" after replying to the confirmation email, you can place a help request ticket through the student technology support center and they can set you up manually. Just go to

<https://bellevuecollege.edu/STSC/> and fill out the form. To have an announcement sent to the list serve please send an email to

Amy Masgai at amy.masgai@bellevuecollege.edu.

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CIDA SYLLABUS STATEMENT

Bellevue College Interior Design Department reserves the right to collect and keep student work as a part of our ongoing program development and accreditation requirements. Effective fall quarter 2010, faculty will retain selected student work in all courses within the Interior Design curriculum in order to prepare for our next CIDA site visit.

We thank you for cooperating with the faculty, and hope you understand it is an honor to have your work held to represent our program.

Please note: Student work includes all process work, notebooks, digital images, and all finished projects from the beginning of the quarter through final projects. Students may make arrangements with their instructors to photograph or scan their projects but the college will keep the original work. After the completion of the CIDA site visit in fall of 2012 work will be returned upon request.

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.

Please print name

Signature

Date

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COURSE SCHEDULE

RHINOCEROS
9:30AM- 12:50PM

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

WEEK 01	09.17	LECTURE: CLASS: NO CLASS ASSIGNMENT:
	09.19	LECTURE: INTRO TO CLASS STRUCTURE, GENERAL INFORMATION CLASS: SOFTWARE INTERFACE ASSIGNMENT: SOFTWARE INTERFACE

WEEK 02	09.24	LECTURE: BASIC MODELING CLASS: CASTLE MODEL ASSIGNMENT: CASTLE MODEL
	09.26	LECTURE: 2D OBJECTS CLASS: 2D OBJECTS ASSIGNMENT: 2D OBJECTS

WEEK 03	10.01	DUE LECTURE: PRECISION MODELING CLASS: SNAPS, CONSTRAINTS, ETC ASSIGNMENT:
	10.03	DUE LECTURE: 3D MODELING CLASS: CONSTRUCTION PLANES ASSIGNMENT: CHAIRS, PARTS

WEEK 04	10.08	DUE- LECTURE: 3D MODELING CLASS: SWEEPS, ETC ASSIGNMENT: SCREWDRIVER, TOY TABLE
	10.10	DUE LECTURE: EDITING OBJECTS CLASS: LOFTS, FILLETS, ASSN 1 INTRO ASSIGNMENT: MACHINE PARTS

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WEEK 05	10.15	DUE LECTURE: EDITING OBJECTS CLASS: ARRAY ASSIGNMENT: TEMPLE
	10.17	DUE LECTURE: TRIMMING, LOFTING CLASS: TRIM, SPLIT, EXTEND ASSIGNMENT: CUP

WEEK 06	10.22	DUE LECTURE: DEFORMABLE SHAPES CLASS: RUBBER DUCK ASSIGNMENT: RUBBER DUCK
	10.24	DUE ASSN 1 LECTURE: MODELING WITH SOLIDS CLASS: CHOCOLATE BAR, ASSN 2 INTRO ASSIGNMENT: CHOCOLATE BAR

WEEK 07	10.29	DUE LECTURE: EXTRUDING SURFACES CLASS: CELL PHONE ASSIGNMENT: CELL PHONE
	10.31	DUE LECTURE: SECTIONING, RAILS CLASS: CANOE, ETC ASSIGNMENT: CANOE, ETC.

WEEK 08	11.05	DUE LECTURE: OBJECT MODELING CLASS: HAMMER ASSIGNMENT: HAMMER
	11.07	DUE ASSN 2 LECTURE: OBJECT MODELING CLASS: SQUEEZE BOTTLE, ASSN 3 INTRO ASSIGNMENT: SQUEEZE BOTTLE

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WEEK 09	11.12	DUE LECTURE: CLASS: NO CLASS ASSIGNMENT:
	11.14	DUE LECTURE: RHINO RENDERING CLASS: RENDERING ASSIGNMENT: RENDERING

WEEK 10	11.19	DUE LECTURE: FLAMINGO RENDERING CLASS: RENDERING ASSIGNMENT: RENDERING
	11.21	DUE LECTURE: TOPO AND SECTIONS CLASS: TOPO AND SECTIONS ASSIGNMENT: TEST MODELS

WEEK 11	11.26	DUE LECTURE: DIMENSIONING AND LAYOUT CLASS: LAYOUT ASSIGNMENT: MODELING/LAYOUT
	11.28	DUE ASSN 3 LECTURE: DIMENSIONING AND LAYOUT CLASS: LAYOUT ASSIGNMENT: LAYOUT

12.03	12.03	DUE LECTURE: CURVE ANALYSIS CLASS: FINAL REVIEW ASSIGNMENT: SLEEP!
	12.05	DUE LECTURE: CLASS: FINAL RENDERINGS ASSIGNMENT: SLEEP!

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