

BELLEVUE COLLEGE Business Administration - Transfer BA 240 Statistical Analysis BA 240 Statistical Analysis Winnie Li

Become Exceptional

Spring 2011 Course Syllabus

Time and Place	Section: 5515 TRB Time: M/W 12:30pm – 2:40pm Room: D274-C
Contact and Office Hours	Telephone: 425-564-2825 Email: <u>winnie.li@bellevuecollege.edu</u> <u>Make sure you start with "BA240" on</u> <u>the subject line, or your email might be filtered into my Junk Mail Folder.</u> Mailbox: D110 Office Location: C207 I (Letter "I") Office Hours: by appointment only Website: You may find most of the course documents in: - <u>http://ba240.groups.live.com (Sign-in is REQUIRED</u>)
Password: Spring2011	- <u>http://mybcc.net</u>
Required Texts and Materials	<u>Statistics</u> Tenth Edition, by McClave and Sincich, Prentice Hall 2006 Assistance on Excel: Excel for Statistics by Leslie Lum (available on website) Assistance on Calculator: BasicStat.html (available on website)
Other Requirement	Calculator that can calculate <i>standard deviations</i> (e.g. TI-83) and media to save files from lab (e.g. USB Flash Drive).
Prerequisite	 MATH 138 (prev MATH 156) MATH 142 (prev MATH 120) Intermediate computer skills and prior experience with Word, Excel and PowerPoint is highly recommended.
Topics	 Introduction: Chapter 1 Descriptive Statistics: Chapter 2 Probability: Chapter 3 Discrete Distribution: Chapter 4 Continuous Distribution: Chapter 5 Sampling Distribution: Chapter 6 Confidence Interval: Chapter 7 Hypothesis Testing: Chapter 8 (One Sample) and 9 (Two Samples) Regression Analysis: Chapter 11 (Simple) and 12 (Multiple) Analysis of Variance: Chapter 10 (Depends on Time Availability)
Resources	Check Course Website Frequently. Course Documents (including Syllabus, Updated Schedule, Lecture Notes, Homework and Quizzes Solutions, Practice Exams and Project Information) will be posted regularly.
	Tutors are available through Accounting and Statistics Lab @ C207-K, schedules will be announced shortly (usually during the 2 nd or 3 rd week).
	This course requires that you demonstrate and develop your writing and

research skills. We recommend that you consult the Reading/Writing lab <u>http://bellevuecollege.edu/writinglab/</u> with the drafts of your assignments and that you make use of the Library Media Center <u>http://bellevuecollege.edu/Imc/</u> in doing research.

If you intend to and have not already done so, declare your business major. Make sure you have consulted with an advisor and laid out your courses. We recommend that you subscribe to the Business listserv to get notices of events and application deadlines: send a message to: <u>lyris@list.bellevuecollege.edu</u>. In the body of your message write SUBSCRIBE bccbusiness.

Division Policies and Procedures: http://bellevuecollege.edu/socsci/policies.asp

How to succeed in This is a TIGHTLY-SCHEDULED and FAST-PACED course, the materials this course are built on top of each other and get harder and harder. We have no time to take a break or revisit material – it is VERY HARD to catch up if you slack off. For the first 1/3 of the course. we will cover TWO to THREE chapters per week. Then we slow down to ONE chapter a week as the materials get much more complicated after Chapter 7. The last couple of weeks will be very busy with the Team Project. • Attend **ALL** classes. • Preview and print out the lecture notes before class, and make sure you leave enough spaces to write down MORE notes. • Review lecture notes after class. • Print ALL materials from the course website and use them wisely. Homework assignments are really the minimum requirement for exercises and must be turned in ON TIME. You need to do a lot more extra work and especially chapter review problems on your own in order to succeed. • Study in groups and start early on projects. Make good use of the resources (solution manual, available documents and resources in course website), see tutors for special help. • Turn off all cell phones or electronic devices during class. Attendance and Participation Course 5%

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Requirements	Homework: homework will be assigned almost every class, and due			
	on the next class. Check the lecture notes for details.			
	Quizzes: There are EIGHT in class and/or take home quizzes.	10%		
	Exams: There are TWO in-class exams, on the 4th and 8th week.			
	Exams are closed book, close notes. ONLY TWO Standard Letter			
	Size cheat sheets will be allowed (4 pages).			
	Project – Individual Report Part	10%		
	Project – Team Report Part	10%		
	Final: Exam will be cumulative, but more concentrated on the stuff after the 2 nd Exam (80%+).	25%		
	Total	100%		

Assignment Policies No Exception! <u>There is a significant amount of assignments in this class.</u> You can expect to spend <u>a minimum of 15 hours per week</u> to study and to complete the assigned work. Make sure that you can spend at least that much time this **quarter.** If you are overloaded with other work, this may not be the right quarter for you to take this class. Make sure you are <u>NOT OVERLOADED</u>!!

NOTE: You have a total of THREE FREE LATE DAYS (calendar day) for the entire quarter: this may ONLY be used in homework and/or individual report. Make sure you save these free late days for emergency use!!

Since our textbook has some print errors, treat lecture notes as the "model" if there are any "conflicts" between the textbook and the lecture notes. You may find the assigned *reading assignments* and *homework problems* at the *last* couple slides (the one before the "END"©) of each chapter lecture notes. Homework will be accepted in the class when it is due and only if you are present in class. <u>NO LATE HOMEWORK!</u>

The Project has THREE parts: Team Contract, Individual Report and Team Report. **NO LATE PROJECTS!**

NO MAKEUP EXAMS, however, alternative exams may be scheduled <u>ahead of</u> time with at least 48 hours prior notice.

Grading

93 – 100%	А	4
90 - <93	A-	3.7
87 - <90	B+	3.3
83 - <87	В	3.0
80 - <83	В-	2.7
77 – <80	C+	2.3
73 – <77	С	2.0
70 – <73	C-	1.7
67 – <70	D+	1.3
60 - <67	D	1.0
Below 60	F	0

Note 1: A passing grade will not be given unless <u>ALL REQUIREMENTS</u> of the course are completed.

Note 2: In order to fair to everyone, NO GRADE NEGOTIATION !!!

The Meaning of Grades Earned in This Class

"A" GRADES INDICATE "OUTSTANDING" ACHIEVEMENT

The A student:

Demonstrates consistent mastery of leading outcomes for the course; demonstrates ability to interpret, integrate, and apply learning outcomes beyond the context of the course through application of critical and creative thinking skills; completes work assignments that consistently exceed requirements and that interpret and apply objectives in new, unique, or creative ways; demonstrates consistent leadership in class participation activities.

"B" GRADES INDICATE "HIGH" ACHIEVEMENT

The B student:

Demonstrates a high level of competence in learning outcomes for the course; demonstrates ability to interpret, integrate, and apply learning outcomes within the context of the course through application of critical and creative thinking skills; completes work assignments that consistently meet most requirements; demonstrates regularly to class participation activities.

"C" GRADES INDICATE "SATISFACTORY" ACHIEVEMENT

The C student:

Demonstrates a satisfactory level of competence in learning outcomes for the course; demonstrates competent ability to interpret, integrate, and apply learning outcomes within the context of the course; completes work assignments that satisfy minimum requirements for the course; satisfies

minimum requirements for class participation activities. "D" GRADES INDICATE "POOR" ACHIEVEMENT The D student: Demonstrates minimum competence in some learning outcomes for the course; completes work assignments that usually meet minimum requirements for the course; contributes inconsistently or infrequently to class participation activities. **"F" GRADES INDICATE "UNSATISFACTORY" ACHIEVEMENT** The F student: Typically doesn't do much work, rarely shows up, and doesn't drop the course by the deadline; cannot demonstrate competence in many or fundamental learning outcomes; does not complete the assigned work or submits work that does not meet minimum requirements; does not satisfy minimum requirements for attendance or contribution to class activities. Special Student requiring any special accommodations for the class should make Accommodations arrangements at the beginning of the term through the DRC at B132. See details at http://bellevuecollege.edu/drc/ Policy Regarding Cheating includes, but is not limited to: Plagiarism, Turning in assignments or papers or tests/guizzes that have been used Stealing and in other classes, including a previous enrollment in this class by you or Cheating another person. Copying answers on any written or practical exam/guiz • Glancing at nearby exams. • Two different people working together on the same assignment and • submitting the same file from each person as individual work Giving and/or receiving help during an exam/guiz • Disk copying, purchasing/selling answers to any portion of the course • Misrepresenting file creation dates in any way • Lack of reference for the source of cited information • Copying information for written work and representing it as your writing Stealing includes, but is not limited to, taking the text, notes, exams, library books or other personal property of others without their permission. Plagiarism is presenting the words, ideas, and/or work of others as if it is an individual's own work. It includes, but is not limited to, using other's papers as one's own and including parts of published works without giving credit where credit is due. If you choose to cheat, steal or plagiarize, one or more of the following actions will be taken: You will receive a zero for the assignment. • You may receive a failing grade for the course.

• A report of the incident will be forwarded to the Program Chair and the Dean of Student Services. He/she may file the report in your permanent record and/or take further disciplinary action.

If you feel you have been unfairly accused of any of the above, you may appeal. For a description of due process, see WAC 132H-120, available in the Dean's office.

BA 240 Spring 2011 Tentative Schedule (Subject to adjustment – changes will be announced at the beginning of class)

DATE	READING TOPICS	HOMEWORK	QUIZZES	EXAMS	PROJECT
Apr 4	Syllabus, Overview,	Math Assessment Test			
	Chapter 1: 1.1 – 1.6				
	Chapter 2: 2.1 – 2.2				
Apr 6	Chapter 2: 2.3 – 2.8				
Apr 11	Review Chapters 1 and 2	HW 1 Due (Ch. 1)	Quiz 1		
	Chapter 11: 11.1 – 11:3				
Apr 13	Chapter 3: 3.1 – 3.7	HW 2 Due (Ch. 2)	Quiz 2		
	Chapter 4: 4.1				
Apr 18	Chapter 4: 4.2 – 4.4	HW 3 Due (Ch. 3)	Quiz 3		
	Excel Lab				
Apr 20	Chapter 5: 5.1	HW 4 Due (Ch. 4)	Quiz 4		Part 1: Data &
	Exam 1 Review				Contract Due
Apr 25				Exam 1	
				(Ch. 1-4)	
Apr 27	Chapter 5: 5.3				
	Chapter 6: 6.1 – 6.3				
May 2	Review Chapters 5 and 6	HW 5 Due			
-	Chapter 7: 7.1 – 7.3	(Ch. 5 and 6)			
May 4	Chapter 7: 7.4 – 7.5		Quiz 5		
-	Chapter 8: 8.1 – 8.2				
May 9	Chapter 8: 8.3 – 8.4	HW 6 Due (Ch. 7)			Part 2: Individual
					Report Due
May 11	Chapter 8: 8.5		Quiz 6		
-	Review Chapter 8				
May 16	Chapter 9: 9.1 – 9.2	HW 7 Due (Ch. 8)			
-	Exam 2 Review				
May 18		HW 8 Due (Ch. 8)		Exam 2	
-				(Ch. 5-8)	
May 23	Chapter 9: 9.3 – 9.4			-	
-	Chapter 11 Overview				
May 25	Review Chapter 9	HW 9 Due (Ch. 9)		1	
	Excel Lab				
May 30	O No Class O			1	
Jun 1	Team Project	HW 10 Due (Ch.9)	Quiz 7	1	
	Excel Lab		-		
Jun 6	Chapter 11: 11.3 – 11.9			1	İ.
	Sections 10.2 and 12.11				
	Excel Lab				
Jun 8	Team Project Q & A		Quiz 8	1	
	Excel Lab		• -		
Jun 13	Review Chapters 11, 12			1	Part 3: Team
	Potluck Party				Report Due
Jun 15	Final Exam Date			Final Exam	
	11:30am – 1:30pm				