

Instructor:

Name: Dr. Talke
 Department: Management Science
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 Office Hours: Monday 10:00am-12:00pm; by appt.

Teaching Associates:

Instructors:	Mrs. Schroeder	Dr. John Draper	Dr. Hyunwoo Park
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TA Staff: Please see the Staff Directory and Office Hour Schedule posted on Carmen for a list of TAs supporting students in Bus Mgt 2320, office hours, and Zoom Room links. (**Carmen > Home or Carmen > SP21 BUSMGT 2320 > Modules > Syllabi and General Information > [COURSE INFO: Office Hours](#)**).

Class Meeting Schedule:

Synchronous Lecture: Thursday, TH 12:45 PM, [[Zoom Room](#)]
 Synchronous Recitation: Varies by student schedule – See Recitation Syllabus for details (**Carmen > Syllabus, also Carmen > SP21 BUSMGT 2320 > Modules > Syllabi and General Information > [COURSE INFO: Syllabi](#)**).

Course Materials / Software:

Required: Pearson MyStatLab Access which includes e-text *Business Statistics: A Decision-making Approach, 10e*; Groebner, Shannon, Fry

The textbook and/or courseware for this course is being provided via CarmenBooks. Through CarmenBooks, students obtain publisher materials electronically through CarmenCanvas, saving them up to 80% per title. The fee for this material is included as part of tuition and is listed as *CarmenBooks fee* on your Statement of Account. In addition to cost-savings, materials provided through CarmenBooks are available immediately on or before the first day of class. There is no need to wait for financial aid or scholarship money to purchase your textbook.

Unless you choose to opt-out of the program, you do NOT need to purchase any materials for this course at the bookstore. For more information on the program or information on how to opt out, [please visit the CarmenBooks website](#).

Registration details and the required Access Code can be found in the Getting Started with MyStatLab help document on our **Carmen > SP21 BUSMGT 2320 > Modules > Syllabi and General Information > [COURSE INFO: Pearson Getting Started with MyStatLab](#)**.

Prerequisites:

- Statistics 1430
- CSE 2111 or 1113

Course Description:

Business Management 2320 offers an introduction to the application of statistical tools used extensively in the business environment to assist the decision-maker. Topics covered include estimation and hypothesis tests about population means and proportions, chi-square tests for independence and goodness-of-fit, analysis of variance, regression analysis and model building, and forecasting with time series data. A wide variety of business problems are explored through mini-case presentations and data driven exercises, with procedural emphasis on method selection, statistical procedure, teamwork, and effective communication.

Course Learning Outcomes:

Vast amounts of data are collected in today's global business and economic environment. The most successful decision-makers and managers are those individuals/groups that can put this information to work effectively to guide their decision process, are able to accurately communicate the statistical results that drive these decisions, can work effectively as a member of a diverse team, and present themselves in a manner appropriate for a business environment. By the end of this course, students should be able to:

- Evaluate a business scenario and determine which of the statistical tools introduced in the course, if any, is most applicable for generating information from data that can aid the decision maker.
- Successfully leverage technology to apply any and all of the statistical tools introduced in the course to answer a specific question.
- Write a concise report that details the problem solving process and conclusions.
- Work effectively with a team of diverse individuals to successfully complete a challenging task.

How This Course Works:

Mode of delivery: This course is 100% online but includes both synchronous (via Zoom) and asynchronous components.

Pace of online activities: The content in Business Management 2320 builds sequentially week to week, beginning with the foundation laid in Statistics 1430. Students who fail to keep pace in their study of the material with the presentation schedule will struggle to catch up once they fall behind. The successful student in Business Management 2320 is one who makes every attempt to master each new concept as it is presented, and seeks help from the BM2320 staff if needed in real-time. This course is designed to provide the framework for reasonably short but regular engagement with the material. We emphasize an approach to learning consistent with the principles of the PLRS Learning Cycle accredited to Frank L Christ.

You can expect a regular weekly cadence of 1) preparation for the week's lecture, 2) participation in lecture, 3) review, 4) participation in recitation, and 5) practice and mindful study. To be successful in BM2320, follow the wheel:



The weekly materials will be posted in advance on your BM2320 Carmen Course in a Module identified as “Instruction Week # (dates) – title”. Each module includes

- START HERE: Week # Overview
- Week # Videos
- Week # Lecture Agenda and Materials
- Week # Additional Practice
- Week # Recitation Agenda and Materials
- Week # Learning Outcomes

Credit hours and work expectations: This is a **3-credit-hour course**. According to [Ohio State policy](#), students should expect around an average of 3 hrs per week of time spent on direct instruction (instructor content and Carmen activities, for example) in addition to 6 hrs of homework (e.g., reading and assignment preparation).

Attendance and participation requirements: Because this is an online course, your attendance is based on your online activity and participation. The following is a summary of everyone's expected participation:

1) Lecture Prep – Asynchronous on-line learning prior to your scheduled lecture

- Watch assigned videos posted on Carmen in weekly instruction module **OR** complete assigned readings in Groebner, *Business Statistics: A Decision-making Approach, 10e* on MyStatLab (average time requirement ≈ 30 minutes). See the **Carmen > SP21 BUSMGT 2320 > Modules > Instruction Week # > “START HERE: Week # Overview”** content page in each weekly module for details.
- Complete brief quiz in MyLab and Mastering related to video/reading content.
- This component prepares you for the lecture discussion to follow that week. To be successful in the class, you must invest in preparation for lecture.

2) Lecture – Synchronous 80-minute Zoom meeting ,[\[Zoom Room\]](#) – Profile Picture Required, Video recommended

- **Notes will be posted each week on Carmen > SP21 BUSMGT 2320 > Modules > Week # > Lecture Agenda and Materials**
 - Reinforce and expand on videos/readings that were required for lecture prep
 - Demonstrate/apply new content
 - Real-world applications
- Attendance is required and necessary for successful completion of this course. Lecture attendance correlates positively with exam performance.
- The lecture will be recorded and posted on **Carmen > SP21 BUSMGT 2320 > Modules > Instruction Week # > Lecture Agenda and Materials** after the class meeting, usually within 24 hours.
- The student response system *Learning Catalytics* will be used throughout lecture to check comprehension. *Learning Catalytics* is available as part of your MyStatLab subscription.
 - Participation points are based on completion (50%) and accuracy of answer (50%).
 - The best 10 scores will count toward your course grade, allowing each you to miss 4 lectures with no penalty.
 - To earn the participation points you **MUST** attend your scheduled lecture. There will be no opportunity to “make up” the participation points.

3) Additional Practice – each weekly module will include instructor composed questions with explanation/solution

- See **Carmen > SP21 BUSMGT 2320 > Modules > Instruction Week # (dates) – title > Additional Practice**
- No point value is attached to these practice exercises.

4) Recitation – Synchronous 80-minute Zoom meeting – Webcam/computer camera for video required.

- Please see the **Recitation Schedule** on Page 1 of the recitation syllabus on Carmen for details, including Zoom room.
- Review/practice/reinforcement of the week's content.
- Attendance is required and necessary for successful completion of this course. Recitation attendance correlates positively with test/exam performance.
- The student response system *Learning Catalytics* will be used in a team activity to check comprehension. *Learning Catalytics* is available as part of your MyStatLab subscription. You will need to have a mobile device with you at each lecture class that allows you to connect to *Learning Catalytics*.
 - Participation points are based on accuracy of answers.
 - The best 10 scores will count toward your course grade, allowing you to miss 3 recitations without penalty.
 - To earn the participation points you MUST attend your scheduled lecture. There will be no opportunity to “make up” the participation points.

5) Mindful Practice/Study – Wrap up the weekly module by “putting pen to paper” and quiz yourself while you are doing it. “Why am I being required to answer these questions in this order? What symbol would I use to replace this word? What would happen if I changed this value to something larger?”

Reading and re-reading the notes and text, watching and re-watching the videos, will not be sufficient for you to successfully apply the concepts on the exams and to complete the cases. Practice with a wide variety of problem scenarios is vital.

- Additional practice is available each week in the form of homework using Pearson MyLab, from which bonus points can be earned. Your best 10 HW scores will count toward your earned bonus points, to a maximum of 50 points:
 - 5 points if the HW score is 90% - 99.9999%
 - 4 points if the HW score is 80% - 89.9999%
 - 3 points if the HW score is 70% - 79.9999%
 - 2 points if the HW score is 60% - 69.9999%
 - 1 point if HW score is 50% - 59.9999%

Course technology:

For help with your password, university email, Carmen, or any other technology issues, questions, or requests, contact the Ohio State IT Service Desk. Standard support hours are available at ocio.osu.edu/help/hours, and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** ocio.osu.edu/help
- **Phone:** 614-688-4357(HELP)
- **Email:** servicedesk@osu.edu
- **TDD:** 614-688-8743

Baseline technical skills for online courses

- Basic computer and web-browsing skills
- Navigating Carmen: for questions about specific functionality, see the [Canvas Student Guide](#).

Pearson MyLab and Mastering

- For technical support See document titled “Trouble-shooting in MyStatLab” posted on **Carmen > SP21 BUSMGT 2320 > Modules > Resources > [Technology Help](#)**.

Required Technology skills specific to this course

- [CarmenZoom virtual meetings](#)
- [Basic Excel literacy](#)

Required equipment

- Computer: current Mac (OS X) or PC (Windows 7+) with high-speed internet connection
- Webcam: built-in or external webcam, fully installed and tested
- Microphone: built-in laptop or tablet mic or external microphone
- Other: a mobile device (smartphone or tablet) or landline to use for BuckeyePass authentication

Required software

- [Microsoft Office 365](#): All Ohio State students are now eligible for free Microsoft Office 365 ProPlus through Microsoft's Student Advantage program. Full instructions for downloading and installation can be found [at go.osu.edu/office365help](http://go.osu.edu/office365help).
- [StatCrunch](#): Statistical software included as part of the MyStatLab package.
- [Learning Catalytics](#): Quizzing tool included as part of the MyStatLab package.

Carmen access: You will need to use [BuckeyePass](#) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you take the following steps:

- Register multiple devices in case something happens to your primary device. Visit the [BuckeyePass - Adding a Device](#) help article for step-by-step instructions.
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new codes** button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- Download the [Duo Mobile application](#) to all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service.

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357 (HELP) and IT support staff will work out a solution with you.

Grading and Evaluation:

Grading Scale: The class earned distribution will adhere as closely as possible to the Ohio State University recommended distribution. The *anticipated* distribution is:

A = 93% and above	B+ = 87% to 89.9%	C+ = 77% to 79.9%	D+ = 65% to 69.9%
A- = 90% to 92.9%	B = 83% to 86.9%	C = 73% to 76.9%	D = 60% to 64.9%
	B- = 80% to 82.9%	C- = 70% to 72.9%	E = below 60%

Graded assignments may come in three forms, and students should note the expectations for each in the descriptions of our class assignments below.

- **(N) Independent Work (👤):** Strictly non-collaborative, original-individual work. You may discuss this assignment only with your instructor. Discussions with other individuals, either in person or electronically, are strictly prohibited.
- **(RC) Required Collaboration (👥):** An explicit expectation for collaboration among students either in-class or outside (i.e. group work).
- **(OC) Optional Collaboration (🗨️):** Students are permitted, but not required, to discuss the assignment or ideas with each other. However, all submitted work must be one's original and individual creation.

Assignment Name	Points / Weight	Assignment Type
(N) Best 3 of 4 Section Test Scores @120 pts each	360pts / 36%	👤
(N) Comprehensive Final Exam	240 pts / 24%	👤
(OC) Technology Assignment	60 pts / 6%	🗨️
(RC) 2 Group Cases @ 70 points each	140 pts / 14%	👥
(RC) Best 10 of 13 Recitation Scores @ 10 pts each	100 pts / 10%	👥
(OC) Best 10 of 14 Lecture Prep Quiz Scores @ 5 points each	50 pts / 5%	🗨️
(OC) Best 10 of 14 Lecture Participation Scores @ 5 points each	50 pts / 5%	🗨️
TOTAL COURSE POINTS	1000 / 100%	

Course Assignments:

Section Tests – In an effort to encourage and reward timely progress through the course material, 4 fairly evenly spaced tests will be given.

- Only (the best) 3 of the 4 tests will count toward your course grade.
- MAKEUP tests will be considered only under the most extreme circumstances. The reason for only counting 3 of the tests is to provide every student the opportunity to deal with life's unexpected speed bumps (or to enjoy life's pleasures).
 - Illness, emergency, technical failure, vacation – you name it – are reasons for not counting one of the section tests.
- These will be administered on the MyStatLab platform.
- You will have 90 minutes within the two-hour window (Friday 8:00 PM – 10:00PM) during which you will take each test. If you have a work conflict with that time, inform me asap, and we'll arrange an alternate time.
- You may reference any and all course resources (book/notes, Excel, StatCrunch) during a section test.
- You may **NOT** communicate with any other persons (physically, virtually, electronically, or otherwise) during a section test.
- Test questions will include multiple choice, true false, fill-in, and numerical calculation.
- Detailed information regarding each Section Test will be posted on **Carmen > SP21 BUSMGT 2320 > Modules > Test and Exam Info > Section Test #.**

Final Exam – A comprehensive exam will be administered during the University scheduled final exam time. This will also likely be on MyStatLab.

- You may reference any and all course resources (book/notes, Excel, StatCrunch) during the final exam.
- You may **NOT** communicate with any other persons (physically, virtually, electronically, or otherwise) during the final exam.
- Test questions will include multiple choice, true false, fill-in, and numerical calculation.
- Detailed information regarding the Final Exam will be posted on **Carmen > SP21 BUSMGT 2320 > Modules > Test and Exam Info > Final Exam.**

Practical Exercises – Achieving success in a business career will require the ability to work effectively in teams. Learning theory and techniques is necessary but not sufficient for statistical analysis in today's business world. Statistical analysis in support of business decisions requires the manager to understand statistical software and interpret statistical results. Whether you are charged with performing the statistical analysis or not, you must be able to determine whether presented statistical results make sense and are reasonable. The Practical Exercises are designed to provide a preview of real world projects.

- Detailed information for each PE will be posted on **Carmen > SP21 BUSMGT 2320 > Modules > Practical Exercises > assignment name.**
- Technology Assignment
 - Guided assignment intended to familiarize you with the software used in the course for the purpose of statistical analysis and report generation.
- Group Cases
 - Teamwork: You will be assigned to work with a group of your peers to complete each case. Collaboration among all team members is required on all parts of the assignment. You may *not* "divide and conquer" the assignment.
 - Each student's contribution to their group's case solution will be peer evaluated by the other team members. Negative peer evaluations for a team member will result in a lowered case grade for that student. The assigned grade for a non-participative student can be 0.

Grade Appeal Policy:

Although we make every effort to grade in a consistent and fair manner, occasionally an error is made or a student feels that an error has been made. Any notification of a missing grade or request for re-evaluation of a grade must be **submitted, in writing, within two weeks** of grade availability. Any re-grading of work will result in the entire document being re-evaluated. You must check your scores in MyStatLab and in Carmen regularly. Claiming ignorance of a missing grade will not be accepted as a legitimate reason to revisit a grade after the two week deadline.

Grievances and Solving Problems:

According to University Policies, if you have a problem with this class, you should seek to resolve the grievance concerning a grade or academic practice by speaking first with the instructor or professor. Then, if necessary, take your case to the department chairperson, associate dean for programs in the college, and to the provost, in that order. Specific procedures are outlined in Faculty Rule 3335-7-23. Grievances against graduate, research, and teaching assistants should be submitted first to the supervising instructor, then to the chairperson of the assistant's department

E-mail communication:

All general course inquiries must be sent from a secure OSU e-mail address to FCOB-ms2320ta@osu.edu.

- If you have not previously activated your OSU e-mail visit <http://www.oit.ohio-state.edu/userpass.html> and click on 'how to activate' or call (614) 688-HELP.
- The "Subject" line must include **BM2320 /your recitation day and time / your assigned TA**.
 - Your assigned TA will be announced during your first recitation.
- Expect a response by the next business day if not sooner. If you do not receive a timely response, and you have verified that you did all things correctly on your end, please re-send your inquiry. I am very responsive to e-mail.

Instructor Feedback and Response Expectations:

- All MyLab and Mastering work (quizzes, homework, tests, final exam) is graded in real time.
- Scores for all Practical Exercises should be available approximately 2 weeks from submission.

Academic integrity:

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the University's Code of Student Conduct, and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the University's Code of Student Conduct (<https://trustees.osu.edu/bylaws-and-rules/code>) and this syllabus may constitute Academic Misconduct (<https://oaa.osu.edu/academic-integrity-and-misconduct>)

The Ohio State University's Code of Student Conduct (Section 3335-23-04) defines academic misconduct as: Any activity that tends to compromise the academic integrity of the University, or subvert the educational process. Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the University's Code of Student Conduct is never considered an excuse for academic misconduct, so I recommend that you review the Code of Student Conduct and, specifically, the sections dealing with academic misconduct.

If I suspect that a student has committed academic misconduct in this course, I am obligated by University Rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the University's Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the University.

If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Safety and health requirements:

All teaching staff and students are required to comply with and stay up to date on all [University safety and health guidance](#), which includes wearing a face mask in any indoor space and maintaining a safe physical distance at all times. Non-compliance will be warned first and disciplinary actions will be taken for repeated offenses.

Disability Services:

The university strives to make all learning experiences as accessible as possible. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university's [request process](#), managed by Student Life Disability Services. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. **SLDS contact information:** slds@osu.edu; 614-292-3307; slds.osu.edu; 098 Baker Hall, 113 W. 12th Avenue.

Copyright:

© The materials used in connection with this course may be subject to copyright protection and are only for the use of students officially enrolled in the course for the educational purposes associated with the course. Copyright law must be considered before copying, retaining, or disseminating materials outside of the course.

Tentative Course Schedule – Spring 2021

PE = Practical Exercise, L = lecture, R = Recitation, T/E = Test/Exam

Optional MyStatLab Homework for potential bonus points due each Wednesday at 7:30 AM

Week	Item	Dates	Topic	e-text	Deliverables
0	R1	M, 1/11 T, 1/12	Intro to Carmen for BM2320 Intro to MyStatLab Intro to Learning Catalytics		
1	L1	Th, 1/14	Intro to Course Stat1430 Review	General Review of Stat1430 – Chapters 1-8	Lecture Prep MyStatLab Q1
		F, 1/15 Sa, 1/16 Su, 1/17 M, 1/18	Virtual Stat1430 Remediation Activity – see Carmen > Modules > Syllabi and General Information > COURSE INFO: Stat1430 Review Sessions		
	R	M, 1/18 T, 1/19	Monday Holiday - Martin Luther King Jr. Day – no classes Tuesday recitations cancelled		
2	L2	Th, 1/21	One-sample Z and t Hypothesis Tests Part I [μ and p]	Chapter 9.1 – 9.2	Lecture Prep MyStatLab Q2
	R2	M, 1/25 T, 1/26	Review/Practice/Evaluation One-sample Z and t tests [μ and p]		
3	L3	Th, 1/28	HT Part II [μ and p] – Type I Error, Type II error, Power	Chapter 9.3	Lecture Prep MyStatLab Q3
	PE	F, 1/29		Details: Carmen > Modules > Practical Exercises > Technology Assignment	Tech Assign by 11:59 PM
	R3	M, 2/1 T, 2/2	Review/Practice/Evaluation Type I Error, Type II error, Power		
4	L4	Th, 2/4	Paired t [μ_D] Overview to date	Chapter 10.3 Chapter 1-9, 10.3	Lecture Prep MyStatLab Q4
	T/E	F 2/5	All topics Chapters 1 – 9	Details: Carmen > Modules > Test/Exam > Section Test 1	Section Test 1, 8:00 PM
	R4	M, 2/8 T, 2/9	Section Test #1 most missed questions Sample Case Problem		
5	L5	Th, 2/11	Two Independent Sample Comparisons [$\mu_1 - \mu_2, p_1 - p_2$]	Chapter 10.1, 10.2	Lecture Prep MyStatLab Q5
	R5	M, 2/15 T, 2/16	Review/Practice – Comparisons Sample Case Problem		
6	L6	R, 2/18	Chi-square Tests	Chapter 13	Lecture Prep MyStatLab Q6
	R	M, 2/22 T, 2/23	Monday recitations cancelled Tuesday “Spring Break” – no classes		
7	L7	Th, 2/25	ANOVA – Part I	Chapter 12.1	Lecture Prep MyStatLab Q7
	T/E	F, 2/26	Lecture 1 – Lecture 6	Details: Carmen > Modules > Test/Exam > Section Test 2	Section Test 2, 8:00 PM
	R6	M, 3/1 T, 3/2	Review/Practice/Evaluation – One-way ANOVA		

Week		Date	Topic	Reading Assignment	Key Dates*
8	L8	Th, 3/4	ANOVA Part II	Chapter 12.1, 12.3(?tbd)	Lecture Prep MyLab Q8
	PE	F, 3/5		Details:Carmen > Modules > Practical Exercises > Group Case #1	Group Case #1 by 11:59 PM
	R7	M, 3/8 T, 3/9	Review/Practice/Evaluation - ANOVA Part II		
9	L9	Th, 3/11	Simple Linear Regression (SLR) – Part I	Chapter 2.3, 14.1, 14.2	Lecture Prep MyStatLab Q9
	R8	M, 3/15 T, 3/16	Review/Practice/Evaluation – SLR Part I		
10	L10	Th, 3/18	Simple Linear Regression – Part II	Chapter 14.2, 14.3, 15.5	Lecture Prep MyStatLab Q10
	T/E	F, 3/19	Lecture 4 - Lecture 9	Details: Carmen > Modules > Test/Exam > Section Test 3	Section Test 3, 8:00 PM
	R9	M, 3/22 T, 3/23	Review/Practice/Evaluation – SLR II		
11	L11	Th, 3/25	Multiple Regression – Part I	Chapter 15.1	Lecture Prep MyStatLab Q11
	R10	M, 3/29 T, 3/30	Review/Practice/Evaluation - MR I		
12	L	Th, 4/1	“Spring Break” – no classes		
	R11	M, 4/5 T, 4/6	Multicollinearity Review/Practice/Evaluation – Regression	Chapter 15.1	
13	L12	Th, 4/8	Multiple Regression – Part II	Chapter 15.2, 15.3, 15.5	Lecture Prep MyStatLab Q12
	T/E	F, 4/9	Lecture 7 - Lecture 12	Details: Carmen > Modules > Test/Exam > Section Test 4	Section Test 4, 8:00 PM
	R12	M, 4/12 T, 4/13	Practice/Review/Evaluation - MR II		
14	L13	Th, 4/15	MR II – Catch up Forecasting with Time Series	Chapter 15 Chapter 16	Lecture Prep MyStatLab Q13
	R13	M, 4/19 T, 4/20	Review/Practice/Evaluation - Forecasting		
15	L14	Th, 4/22	Forecasting with Time Series	Chapter 16	Lecture Prep MyStatLab Q14
	PE	F, 4/23		Details:Carmen > Modules > Practical Exercises > Group Case #2	Group Case #2 by 11:59 PM
	T/E	4/30 8:00 – 10:00 PM	Comprehensive, Lectures 1 - 14	Details posted on Carmen > Modules > Test/Exam > Final Exam	Final Exam, MyLab