

Course	GST 200-A: Quantitative Reasoning/Statistical Literacy. Obtaining a Pass or a 2.0 satisfies Quantitative Foundation (QF) and Application (QA) graduation skills.
Registration	Student registration begins: April 1. May 8 is the last day to re-admit to college. Class begins May 11. May 17: Web registration closes (w/o late fee).
Approach	This course is totally on-line course. All homework, chapter quizzes and essay analysis are done online. Class attendance is not required. Forums will be used to discuss student questions, issues and problems. During the course, I do hold office hours from 5:00-6:00 on Wednesday at Perkins if you want to chat.
Course Goal:	To help students read and interpret the summary statistics found in tables, graphs, statements, survey and studies. Students will analyze news stories that use summary statistics as evidence for causal connections. Students will learn how to distinguish stronger evidence from weaker evidence.
Essay Analysis	Analyzing articles from the media is a key component of statistical literacy. This involves understanding the context – the ability of different study designs, ratios and statistical comparisons to ward off the influence of plausible confounders.
Schedule	Details on summer courses: Check at www.augsburg.edu/summer May 11: Class begins on Monday May 18: Last day to drop w/o notation; last day for registration with a \$100 late fee. June 09: Last day to withdraw or change grade option. June 29: Classes end. Grades due by July 6.
Instructor	Milo Schield, 612-330-1153, Memorial 314 Schield@augsbu.edu
Instructor commitment	To log in daily. To respond to questions and grade essay homework within 24 hours. To post new homework by Tuesday. To e-mail when new assignments are posted.
Student commitments	To check Augsburg e-mail (direct or forward) daily for any updates. To do all assignments by the date/time due (Sun night). This is a homework intensive class.
Textbook:	" <i>Statistical Literacy 2011</i> " textbook available in bookstore (\$50). To order online: http://augsbu.bncollege.com 1) From Textbook menu, select 'Find Textbooks'. 2a) Under 'Term' select <i>Summer 2015</i> . 2b) Under 'department', select <i>GST</i> . 2c) Under 'Course', select <i>200</i> . 2d) Under 'section', select <i>A</i> . 3) Press 'Find Materials...' command button. Enter information needed to process book order online.
Odysseys	Students will enroll in the Odysseys2Sense online. Don't post late! The system automatically deducts 10% off for every day late. Go to http://odysseys2sense.com
Grade Components	* 54% for your Moodle homework (5 chapters; 6 weeks, 9% per week). * 31% based on your relative power in Odyssey. [Late submits are docked] * 5% based on submitting chapter evaluations and overall course evaluations. 10% Final: Moodle multiple choice and Moodle essay on course topics.
Course	All web-based. Moodle hosts multiple-choice exercises and short one-line essays. Odyssey hosts in-depth essays on news stories, tables and graphs.
Mathematics	All open book and untimed. Math level is arithmetic and basic algebra.

Class Schedule:

Wk#	Date	ACTIVITIES: Textbook	Text/Moodle Assign	Odyssey
0	5/11	Due: Moodle Introduction	Moodle C0	Register
1A	5/11	Assign: Ch 1 Intro/Overview	Text: Entire chapter	#1 due Wed.
1D	5/17	Due Sunday: Chapter 1	Moodle C1 exercises	#2 due Sun
2A	5/18	Assign: Ch 2 Take Care.	Text: Entire chapter	
2D	5/24	Due Sunday: Chapter 2	Moodle C2 exercises	3 and 4
3A	5/25	Assign: Ch 3 Measures	Text: P. 113-158	
3D	5/31	Due Sunday: Chapter 3	Moodle C3 exercises	5 and 6
4A	6/01	Assign: Ch 4 Describe Percentages	Text: P. 187-211	
4D	6/07	Due Sunday: Chapter 4	Moodle C4 exercises	7 and 8
5A	6/08	Assign: Ch 5: Compare percentages	P. 238-248; 257-262	
5D	6/14	Due Sunday: Chapter 5	Moodle C5 exercises	9 – 12
6A	6/15	Assign: Ch 6: Interpret percentages	P. 285-308	
6D	6/21	Due Sunday: Chapter 6	Moodle: C6 exercises	13 – 16
7A	6/22	Assign: Review for final	Course Evaluations	Odyssey Eval.
7D	6/28	Due: Final (Open book.)	Moodle: 4 hour limit	Essay: One page

ODYSSEY OVERVIEW

This class uses a new on-line multiplayer game called “Odyssey” involving a number of challenges. In participating you gain “Power”. For more details on Odyssey, see the Odyssey Introduction in Moodle.

MOODLE

Moodle is an online course management system. It contains your assignments, resources and your grade book. Moodle assignments are of two kinds: exercises and quizzes. Late homework not accepted. Moodle also contains forums. The question forum is our primary means of handling questions or comments. That way any information I give to one student is available to all students. Other forums include the chapter and course evaluations.

APPROACH TO ONLINE COURSE EACH WEEK

Doing well in an online course takes discipline (~8 hrs/wk). It is all too easy to procrastinate and get behind. Follow these steps initially and then modify them as needed for your situation. # is time in minutes

1. Mon 25 (after 1st week): Review results of previous week’s exercises.
2. Mon 20 (after 1st week) Forum: **Post** your review of last week’s chapter and challenges.

3. **Tues** 60 Odyssey: Craft and **post** your response (and reviews) to each challenge ASAP.
4. Tues 5 Text: Listen to chapter audio with matching PowerPoint slides.
5. Tues 5 Moodle: Check assignments to see what topics/pages are covered.
6. Wed 95 Text: **Read JUST those parts of the chapter involving the Moodle exercises.**
7. Wed 10 Odyssey **post**: Critique reviews received; Review other responses.
8. Thurs 90 Moodle: Make first try on exercises. Compare your scores with class average.
9. Fri 45 Text: Review those chapter topics needed to improve your Moodle scores.
10. Fri 45 Odyssey: Critique reviews received; review other responses
11. Sa-Su 40 Moodle: Complete your second try on your Moodle exercises.
12. Sa-Su 15 Odyssey: Return again to critique the reviews and critiques of others.
13. Sun Complete each week’s work by 11 PM.