

**LSP 121–209: Quantitative Reasoning and Technology Literacy II
Section U****Winter 2013-2014****Tu Th 2:40 – 4:10 pm****Mary Jo Davidson, PhD**
mdavidson@cdm.depaul.edu**Classroom – Levan Room 306 – Lincoln Park Campus****Lab Assistant –****Office Hours: In SAC 235 - computer lab**
No appointments are required for office hours.

Tuesday 1:00 → 2:30 pm and 4:30 → 5:15 pm
and
Thursday 1:00 → 2:30 pm and 4:30 → 5:15 pm

Course Description:

In this course, students will continue the study of issues in the sciences, social sciences, and management in which quantitative data plays a significant role. This second course in QRTL, however, will emphasize more the role of computer technology. Extensive use will be made of computer tools such as Access, SPSS, programming environments, Word, and Excel.

Objectives of Course:

This Quantitative Reasoning and Technological Literacy course is designed to help you to become a more confident, critical, and capable user of quantitative information of all kinds. In particular, it will help you to

- continue to critique quantitative arguments, whether given numerically, graphically, or in written form
- manipulate data via the creation and use of relational databases
- become acquainted with basic descriptive statistics and probability
- understand the basic concepts of algorithm creation and computer programming

LSP121 - Due Dates for Winter 2014

Basics, Statistics, and Probability

Team 100	Jan 14 (TU)	Team Organization
Ind 0	Jan 14 (TU)	Student Survey
Team 101	Jan 18 (SAT)	Statistics - Excel
Team 102	Jan 21 (TU)	Statistics - SPSS
Ind 1	Jan 27 (MON)	Statistics - SPSS
Team 103	Jan 28 (TU)	Probability
Ind 2	Jan 29 (WED)	Probability
Exam 1	Feb 4 (TU)	Basics, Statistics and Probability

Databases

Team 104	Feb 13 (TH)	Database
Ind 3	Feb 23 (SU)	Database
Exam 2	Feb 27 (TH)	Database

Algorithms and Computer Programming

Team 105	Mar 6 (TH)	Algorithm
Ind 4	Mar 12 (WE)	Algorithms and Computer Programming
Exam 3	Mar 18 (TU)	Algorithms and Computer Programming

Wrap-up

Ind 5	Mar 16 (SU)	Reflection Essay
Ind 6	Mar 16 (SU)	Team Member Evaluation

January 2014 (United States)

February 2014

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1 New Year's Day	2	3	4
5	6	7	8	9	10	11
12	13	14 Team 100 Ind 0	15	16	17	18 Team 101
19	20 Martin Luther King Day	21 Team 102	22	23	24	25
26	27 Ind 1	28 Team 103	29 Ind 2	30	31	1

February 2014 (United States)

March 2014






S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4 Exam 1	5	6	7	8
9	10	11	12 Lincoln's Birthday	13 Team 104	14 Valentine's Day	15
16	17 Presidents' Day	18	19	20	21	22
23 Ind 3	24	25	26	27 Exam 2	28	1

March 2014 (United States)

April 2014

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Sun	Mon	Tue	Wed	Thu	Fri	Sat
23	24	25	26	27	28	1 
2	3 Casimir Pulaski Day	4	5	6 <div>Team 105</div>	7	8 
9	10	11	12 <div>Ind 4</div>	13	14	15
16 <div>Ind 5 Ind 6</div> 	17	18 <div>Exam 3</div>	19	20	21	22
23 	24	25	26	27	28	29
30 	31	1	2	3	4	5

LSP121 - Reading Assignments for Winter 2014

All assigned readings are available on D2L.

Basics, Statistics, and Probability

Basics – Texting vs Your GPA	January 13
Statistics - Read ST1, ST2, and ST3	January 17
Statistics – Read ST4	January 21
Probability – Read PR1	January 24

Databases

Read DB1, DB3, and DB4	February 11
Read DB5. Skim DB2, DB6, and DB7	February 18

Algorithms and Computer Programming

Read pages 1-8 of CP1	March 5
Skim the remainder of CP1	March 7