

**WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
COURSE OUTLINE & SCHEDULE OF ASSIGNMENTS**

COURSE NUMBER

MAT312

COURSE 6 (R)0.CID 3 B36 (R)0.CID 3 B 3 B36 (R)0.CID A41 TD(S()Tj3.00241 T3.00241w 19.565TJ3.81 0 4/P α /)

URS

Activities

Numbers. 3

rd Edition. Jaggia & Kelly. This course uses
ALEKS. Both ALEKS and the e-text are available in Canvas through inclusive access. No other purchase
is necessary.

COURSE DESCRIPTION

This course introduces students to the h.2 (n7 ()10i)6e 7>3 (K) 7t r c.9 (e)-o.3 ()19.3 (l)-4.7 ()10ietig9gaoducg 6 toduc9c
qualitative data.

4. Interpret hypothesis tests means (including ANOVA), proportions, standard deviations and qualitative data.
5. Construct a least-squares regression model for bivariate data.
6. Interpret predicted values, slopes, and y-intercepts for least-squares regression models.

METHODOLOGY

A. Teaching and Learning Strategies

Homework, Excel Labs, Discussion Board/Class Participation, and Student-Directed Learning

B. Evaluation Methods

**WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
COURSE OUTLINE & SCHEDULE OF ASSIGNMENTS**

Homework, Excel Labs, Discussion Board/Class Participation, Tests, and a Project

Undergraduate Grading Scale

**WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
COURSE OUTLINE & SCHEDULE OF ASSIGNMENTS**

**WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
COURSE OUTLINE & SCHEDULE OF ASSIGNMENTS**

COURSE OUTLINE AND SCHEDULE

Week	Topic (Objective #)	Readings and Resources	Activities and Assignments
1	1.1-1.3 Sampling, Variables, and Statistical Terms 2.1-2.4 Graphs	ALEKS Canvas Text	ALEKS Discussion Board
2	3.1, 3.2, 3.4, 3.6, 3.7 Measures of Center, Dispersion, and Position	ALEKS Canvas Text	ALEKS Excel Lab
3	6.1, 6.2 Continuous Random Variables and the Normal Distribution	ALEKS Canvas Text	ALEKS

**WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
COURSE OUTLINE & SCHEDULE OF ASSIGNMENTS**

**WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
COURSE OUTLINE & SCHEDULE OF ASSIGNMENTS**

disasters.

Unacceptable reasons to request extensions: busy schedule, forgetfulness, last minute issues.

Online discussion boards: As it is not fair to other students in the course who are expected to respond to discussion board posts in a timely manner, late discussion board posts after the initial posting deadline do not receive credit.

College of Arts and Sciences Response Time Policy:

Faculty will generally respond to all student communication within 24-48 hours unless a weekend or holiday. Please refer to your course faculty's specific availability as noted within the course.