

**STA 3024 Introduction to Statistics 2**  
**Summer 2009 (B)**

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**Course:** Section 5126, MTWThF Period 4 (12:30- 1:45pm), NEB 0100.

**Course Description and Objectives:** This is the continuum of STA 2023 Introduction to Statistics 1. Together, STA 2023 and STA 3024 provide a strong foundation in the basics of applied statistical methods. Introduction to Statistics 2 will focus on the following topics: Analysis of variance in both one-way and two-way layouts, Analysis of count data: chi-square and contingency tables, Simple and multiple linear regression methods with applications.

**Course Website:** <http://www.stat.ufl.edu/~quandtran/STA3024/STA3024B09.html>

<b>Instructor</b>	Quan Tran Floyd 117D quandtran@ufl.edu	<b>Office Hours</b> MTWR 11am-12pm or by appointment
<b>TA</b>	Haibing Gao McCarty C 427 haibing@stat.ufl.edu	<b>Office Hours</b> MT 2-3pm and F 11am-12pm or by appointment
<b>TA</b>	Doug Sparks Floyd 101A dksparks@stat.ufl.edu	<b>Office Hours</b> WR 2-3pm and F 11am-12pm or by appointment

**Textbook:** "Statistics: The Art and Science of Learning from Data," 2nd ed., A. Agresti and C. Franklin. ISBN-10: 0135131995.

**Prerequisites:** understanding basic concepts from STA 2023 or equivalent course.

**Homework:**

There will be three HWs. Homework is worth 10% of the final grade. In particular, HW1 is worth 2.5%, HW2: 5%, and HW3: 2.5%. The three HWs are due by July 8th (Wednesday), July 22th (Wednesday), and August 4th (Wednesday) at the **beginning** of the class. No late homework will be accepted.

**Quizzes:**

Three written-30-min quizzes will each count for 5% of the final grade. The three quizzes are scheduled for July 6th (Monday), July 17th (Friday), and July 31st (Friday). All quizzes will be in class, opened-book, and non-cumulative. No make-up quizzes will be given.

**Exams:**

Three exams will each count for 25% of the final grade. The three exams are scheduled for July 10th (Friday), July 24th (Friday), and August 6th (Thursday). All exams will be in class, closed-book, multiple-choice, and non-cumulative.

If you expect a conflict with an exam date or time or any other circumstance that will prevent you from taking the exam, you must notify the instructor as early as possible. If an emergency situation precludes an advance arrangement, you must provide, upon request, official documentation of the reason for your absence (e.g. an official note from the Student Health Care Center) to be eligible for an alternative arrangement.

**Grading:**

The usual 10 point scale is adopted. Thus,

A	90%-100%
A-	87%-89%
B+	84%-86%
B	80%-83%
B-	77%-79%
C+	74%-76%
C	70%-73%
C-	67%-69%
D	60%-67%
E	0%-59%

You may be assigned a grade of Incomplete (I) only when your failure to complete required course work involves extenuating circumstances and no make-up can be completed in time to determine your final course grade before final course grades are officially submitted. You are eligible for a grade of Incomplete only if you have completed enough work to determine at least half of your final composite score, and you are currently passing the course based on that work, as determined by the instructor. If you find that you cannot continue the semester before this point is reached, you should instead seek an administrative withdrawal. As part of receiving a grade of Incomplete, University of Florida policy requires you to sign a contract with the instructor that specifies a plan and deadline for completing the course.

**Calculators:**

For exams, quizzes, and homework problems, it will be helpful to have a calculator that performs some basic statistical functions, such as finding the standard deviation. Any scientific or graphing calculator will work. (If it was fine for STA 2023, it will be fine for this course.) Please be aware that saving notes into your calculator and accessing them during an exam is considered cheating and will be dealt with accordingly.

**Lecture Attendance:**

Unless otherwise announced, your attendance of ordinary lectures is not monitored, nor is it directly used in determining your grade. However, almost all topics covered in lecture are potentially examinable, and will likely be more representative than material in the textbook of the topics covered on exams.

**Accommodations:**

To request classroom accommodation, please be certain that you have made all necessary arrangements with the Dean of Students Office, and obtain from them documentation to submit to the instructor at the time of your request. A request must be made to the instructor at least one week in advance of the date for which the accommodation is requested.