

**Abraham Baldwin Agricultural College**  
**Syllabus for Math 2000 (Statistics) Section 0 (CRN 20244 )**  
**Fall 2018**

Instructor: Dr. Buddhi Pantha

Email: bpantha@abac.edu

Office: Britt 219

Phone: 229-391-5272

Class Day/Hour/Place: TR, 8:00-9:15am at Conger 107.

Office Hours: **MW**– 10:00-11:00am, **TR**– 9:15am-12:30pm at Britt 219; **T**– 9:30-10:30 at AAC or by appointment.

**Textbook:** *Introductory Statistics, Openstax<sup>tm</sup>*. A free pdf copy will be posted in D2L. It can also be downloaded online. Students are expected to purchase web-assign Student Access Code online. The course code for this class is **abac 7369 3416**. The webassign also includes an online copy of the book. You can create an webassign account and get a free access that will expire in two weeks.

**Calculator:** A graphing calculator is required for this course. The Math Department highly recommends and provides support for the TI-83 and TI-84 series models. If you are buying a new calculator, I recommend to buy TI-84 Plus CE. Use of cell phones as calculators is forbidden in this course. During the exams and the final, you are not allowed to share calculator with your classmates.

**General Description and Pre-requisite:** This course is an introduction to basic descriptive and inferential statistics. It covers measure of central tendency, variability and position, statistical graphs and diagrams, confidence intervals, hypothesis testing, application involving binomial, normal, t, chi-square and F-distributions, and correlation and regression analysis. The emphasis is on application rather than on mathematical theory both calculator and computer techniques will be stressed. 3 credit hours.

Students enrolled in this class must have a C or better in Math 1111 (College Algebra) or Math 1001 (Quantative Reasoning).

- Chapter 1: Sections 1.1–1.3;
- Chapter 2: Sections 2.1–2.7;
- Chapter 3: Sections 3.1–3.5;
- Chapter 4: Sections 5.1;
- Chapter 5: Sections 6.1–6.4;
- Chapter 6: Sections 6.1–6.2;
- Chapter 7: Sections 7.1,7.3;
- Chapter 8: Sections 8.1–8.4;
- Chapter 9: Sections 9.1–9.5;
- Chapter 11: Sections 11.6;
- Chapter 12: Sections 12.2–12.5.

## Teaching, Attendance and Exam Policies

- Attendance will be taken at each class. If you are going to miss a day, please let me know BEFORE the class starts. A record of your attendance will be kept and sent to the Registrar office with your final grade.
- The LECTURE NOTES for each chapter will be posted in D2L. It is your responsibility to print the lecture notes and bring into the class. We will go over the problems in the lecture notes.
- The online homework on Connect Math constitutes a significant portion of the grade. The due date for the online homework will be posted in the connectmath course website. It is your responsibility to check the due dates and complete the the homework. If a student has a technical difficulty while working an assignment, he or she should email the instructor immediately.
- There will be one or two short written quizzes/HW every week. Each quiz consists of problems similar to those covered in the previous class.
- NO MAKE-UP EXAMS/QUIZZES will be given except some emergencies! You must provide official documents (doctor's excuse, authorization from vice president, etc) that show the reason you have missed the exam.
- The Academic Achievement Center (AAC) provides FREE tutoring. Location: first floor of the Carlton Center. Phone: 229-391-4785. The hours of operation are posted at <http://www.abac.edu/academics/academicsupport/tutoring>.
- HW/Quizzes, Midterms and Final Grade Distributions:
  - Written quizzes and homework : 10%
  - Webassign homework : 10%
  - Tests: 60% (Test 1, Test 2, Test 3, and Test 4:- each 15%)
  - Final Exam: 20%
- Test dates and the detailed course calender will be posted in D2L course website. The **final (comprehensive) exam** will be on **December 6 at 8:00-10:00am**.
- Grading Scale :

Grade	A	B	C	D	F
Range(%)	90-100	80-89	70-79	60-69	Below 60

- Important Dates:

Class begin	August 15
Last day to add, change grading option or drop without "W" grade	August 22
Labor day (Holiday)	September 3
Last day to drop with "W" grade	October 8
Fall break	October 15-16
Thanksgiving Holiday	November 21-23
Last day of class	December 5
Final exams	December 6-11

- Keep your written Quizzes and Tests: It is your responsibility to keep all your graded Quizzes and Midterms! It is very important to have them in case there is any problem with your grade. You can check all your scores at D2L e-learning course website.

### **Other Policies**

- If you have learning disabilities, please see me for the arrangements of special needs within the first week of the class.
- Please be considerate of the instructor and those around you. Come to class on time and stay the entire period. If a student arrives after the attendance has been taken, he or she will be marked tardy for the class period. Note that two tardies count as one absence.
- TURN OFF CELL PHONES and all other electronic communication devices during class. Do not talk to classmates at inappropriate times. Refrain from reading newspapers or working on other coursework during class. No hats or other head gear is allowed on exam day.

### **Expectations**

#### **1. Students are expected to:**

- arrive for class with proper tools (textbook, notebook, pencil, calculator)
- keep personal phone out of sight and on silent during class time (speak to your instructor before class should you experience an emergency)
- refrain from cursing during class
- be in class on time
- treat faculty in a kind and courteous manner
- present assignments on the assigned date
- be attentive and actively participate in class
- wear no hats or other head gear on exam day

#### **2. Faculty are expected to:**

- begin class on time
- be prepared for class (textbook, markers, calculator, handouts)
- treat students in a kind and courteous manner
- provide students with a schedule of events

**Repercussions:** Students will be asked to leave class and will be marked absent for the day if:

- they arrive in class without the proper tools
- they are found sleeping, cursing, or engaging in disruptive behavior
- they are texting or receiving phone calls during class (except for emergencies)
- they leave the room to answer a phone call (except for emergencies).

**Academic Standards of Conduct:** *All members of the ABAC community have an obligation to promote an atmosphere in which teaching and learning can take place in an orderly and efficient manner. To maintain this learning environment, individuals must refrain from behavior that disrupts the teaching process. In order to assure the rights of all students to benefit from time spent*

*in class, faculty members have the right and responsibility to excuse from a class session any individual whose behavior disrupts the teaching and learning process. Serious or continued infractions may result in referral of the student for disciplinary action by the student judiciary or appropriate administrative officer. A student will be given a grade of 0 for any in-class assignment (i.e. exam or quiz) if he or she is found with a cell phone during the assignment. No cell phone may be used as a calculator for any in-class graded assignment. Using the programming capacities of the TI graphing calculators to store notes or formulas is a severe form of academic dishonesty. Students caught using such programs will be considered in violation of ABAC's Academic Dishonesty Policy.*

### **Tobacco and Smoke-free Campus Policy**

*In accordance with the Georgia Smoke Free Air Act of 2005, Title 31 Chapter 12A, this policy reinforces the USG commitment to provide a safe and amicable workplace for all employees. The goal of the policy is to preserve and improve the health, comfort and environment of students, employees and any persons occupying our campuses. The use of all forms of tobacco products on property owned, leased, rented, in the possession of, or in any way used by the USG or its affiliates is expressly prohibited. Tobacco Products is defined as cigarettes, cigars, pipes, all forms of smokeless tobacco, clove cigarettes and any other smoking devices that use tobacco such as hookahs or simulate the use of tobacco such as electronic cigarettes.*