

INSTRUCTOR: *Abdel-Salam G. Abdel-Salam*

CLASS: *T R 2:00-3:15 PM , 232 SMYTH Hall*

OFFICE: *Hutcheson Hall, 503 D*

OFFICE HOURS: *2:00-4:00 PM Wednesday, or by appointment.*

E-MAIL: *abdo@vt.edu*

TA: *Mahafuz Chy*

OFFICE: *Hutcheson Hall, 503 C*

OFFICE HOURS: *12:30-1:30 PM Tuesday and Thursday.*

E-MAIL: *ctg1983@vt.edu*

COMMUNICATION: *We will use Blackboard which is found at [www:http://learn.vt.edu](http://learn.vt.edu). Homework assignments, homework solutions and class notes will be posted here. You need to check the site regularly.*

TEXTBOOKS:

- *“The Practice of Statistics in the Life Sciences”, ISBN-10: 1-4292-1876-2, by Brigitte Baldi and David S. Moore.*
- *STAT 3616: Biological Statistics-Supplement to Accompany “The Practice of Statistics in the Life Sciences”, by Brigitte Baldi and David S. Moore.*
- *Homework assignments, both reading and problem sets, will be primarily from the text.*

MATERIAL: *We will cover most of chapters (3-4, 24 and 26 from the original book- you should have it from STAT 3615), plus the supplement to accompany materials and time permitting, possibly some topics are not included in the book. One of your responsibilities will be to keep up with the assigned reading since an important component of learning statistics is familiarity with the vocabulary.*

** **Note that material presented in class may be different from, or even absent from, the text.***

SOFTWARE: *MINITAB, JMP or other statistical software package will be used for some homework assignments. We will be primarily using MINITAB since the textbook comes with this software. Also, free JMP 7 can be downloaded at <http://network.software.vt.edu>. You will not be expected to use software for in-class tests, but you may be given software output to interpret for tests.*

CALCULATOR: *You will need a calculator capable of doing two-variable statistics; a graphing calculator is recommended.*

GRADING: *We will be using the standard ten point, plus-minus, grading scale. The grading breakdown is as follows.*

<i>Quizzes</i>	<i>12%</i>
<i>Homework</i>	<i>28%</i>
<i>Exams (2)</i>	<i>40%</i>
<i>Final Exam</i>	<i>20%</i>

QUIZZES: *Some pop quizzes will be given without announcement in advance. They will be on any material covered to date, including assigned reading.*

HOMEWORK: *Homework will be assigned, and due, on a regular basis. Due dates may vary, but will be announced in class as well as posted on Blackboard with the assignment. Solutions will typically be provided. Some guidelines for homework are as follows:*

- 1. Late homework will not be accepted, no exceptions. However, your lowest homework grade will be dropped.*
- 2. Feel free to discuss the assignment and work in groups, but the work you turn in must be your own. If cheating is suspected, then all materials will be submitted to the Honor Court.*
- 3. Assignments must be typed.*
- 4. Homework problems should be in the correct order i.e. don't put problem one last.*
- 5. Staple multiple pages together.*
- 6. Put your name on it! If we don't know whose work it is, we can't give you a grade.*

Failure to do any of the last four will result in a 5% deduction of points from your final grade on that assignment (note then that failure to do two is a 10% reduction, three is 15% etc.)

EXAMS: *There will be two exams during the course of the semester. The exams are closed book and closed notes. The dates will be announced in class, at least one week in advance.*

*** There are no make up exams unless I receive a letter from the dean of your college indicating you have an approved reason for missing the scheduled exam date.*

FINAL EXAM: *The final is comprehensive and closed book and closed notes. It is scheduled for **Monday, December 14th from 7:45-9:45 AM.***

SPECIAL REQUESTS: *If for any reason you need special considerations please let me know as soon as possible. We can work together to make sure your needs are met. Reminder, all requests must be approved by the university.*

HONOR CODE: *The Virginia Tech Honor Code will be strictly enforced in this course. All graded assignments must be composed of your own work.*

*****Necessary changes in the structure or content of this syllabus will be communicated clearly and in writing via a revised syllabus.***