

Probability and Statistics With Applications, Math 3670A
Tu–Th 10:00am–11:45am, Skiles 202

Instructors: C. Houdré, Room 217A Skiles Building, Tel: (404) 894–4398, Fax: (404) 894–4409 and F. Bonetto, Room 133B Skiles Building, Tel: (404) 894–6547 , Fax: (404) 894–4409.

Text: Jay L. Devore, Probability and Statistics for Engineering and the Sciences, 9th edition.

Prerequisite: Math 2401 Calculus III or Equivalent.

Office Hours: Tu–Th 09:00am–10:00 am in Skiles 217A for Houdré and Skiles 133B for Bonetto and by appointment.

Homework: There will be approximately five homework due during the term. Solutions will be handed out. The answers to the odd-numbered exercises are also in the back of the book. **Late homework will not be accepted.**

Some Important Dates: July 6th is the deadline to change grade mode from letter grade to pass/fail (and vice versa). Last day to drop individual courses with a grade of "W" is July 2nd.

Quiz # 1 (in class, 50 min.) will tentatively be on Tuesday, May 31st.

Quiz # 2 (in class, 50 min.) will tentatively be on Tuesday, June 14th.

Test # 1 (in class, 90 min.) will tentatively be on Thursday, July 14th.

The Final Exam is scheduled to be on August 4th, 2:50pm-5:40pm.

Grading Policy: Homework 15% + 2 Quizzes@ 15% + 1 Test@ 20% + Final 35% = 100 % **Cutoffs:** 0 – 59 : F; 60 – 69 : D; 70 – 79 : C; 80 – 89 : B; 90 – 100 : A. Curving will be done at the end of the class.

All the quizzes, tests and the final exam are closed books and no notes permitted.

**ALL STUDENTS ARE EXPECTED TO COMPLY WITH THE
GEORGIA TECH HONOR CODE. SEE:
WWW.HONOR.GATECH.EDU**

Math 3670.

HMW Exercises

(From Probability and
Statistics, 9th Edition
by J. Devore)

2.1 # 2, 4, 6, 8

2.2 # 12, 18, 20, 22

2.3 # 30, 32, 34, 38

2.4 # 46, 50, 52, 60

2.5 # 74, 78, 80, 82

3.1 # 2, 4, 6, 8

3.2 # 12, 18, 20, 24

3.3 # 30, 32, 34, 38

3.4 # 46, 48, 56, 58

3.5 # 70, 72, 74, 76

3.6 # 80, 82, 86, 88

4.1 # 2, 4, 6, 8

4.2 # 12, 18, 20, 22

4.3 # 28, 30, 32, 46

4.4 # 60, 62, 66, 68

4.5 # 72, 74, 76, 78

5.1 # 2, 4, 10, 14

5.2 #22, 26, 28, 30
5.3 #38, 40, 42
5.4 #46, 48, 50, 52
5.5 #58, 60, 64, 66
6.1 #12, 8, 10, 18
6.2 #20, 22, 24, 26
7.1 #2, 4, 6, 10
7.2 #12, 14, 16, 18
7.3 #28, 30, 32, 34
7.4 #42, 44, 46, 48
8.1 #2, 4, 8, 10
8.2 #16, 18, 20, 24
8.3 #38, 40, 44, 46
8.4 #48, 50, 54, 56
8.5 #66, 70, 78, 82