Tentative Daily Schedule for MA382

Monday	Tuesday	Thursday	Friday
8/31	9/1	9/3 Gathering a sample	9/4 R basics & data import D.C. pref. form by 5pm
9/7 Summarizing sample data	9/8 Creating graphs in R Quiz 1 by 5pm *Optional* S.A.1 by 5pm	9/10 Probability review Analysis 1 by 5pm T & S 1 by 5pm	9/11 Central Limit Theorem
9/14 t-distribution *Optional* D.C.1 √ by 5pm	9/15 Population, sample, sampling distributions Quiz 2 by 5pm *Optional* S.A.2 by 5pm	9/17 Introduction to linear models Analysis 2 by 5pm T & S 2 by 5pm	9/18 Simulating the distribution of least squares estimators
9/21 Residuals & assumptions	9/22 Linear regression examples in R Quiz 3 due by 5pm *Optional* S.A.3 by 5pm	9/24 Confidence intervals Analysis 3 by 5pm T & S 3 by 5pm	9/25 Confidence intervals in linear regression
9/28 Bootstrap *Optional* D.C.2 √ by 5pm	9/29 Inference in linear regression examples Quiz 4 by 5pm *Optional* S.A.4 by 5pm	10/1 More linear model theory Analysis 4 by 5pm T & S 4 by 5pm	10/2 More examples in R
10/5 Review *Optional* S.A.5 by 5pm	10/6 **Exam 1**	10/8 FALL BREAK	10/9 FALL BREAK

Classes highlighted in yellow are online/asynchronous.
Assignments highlighted in blue are required.
Assignments highlighted in green are optional but provide useful feedback for your data challenge and exam preparation.

Outliers:
The deadlines for other assignments are independent on your use of "outliers" – second attempts—on any of the assignments in the course. The Syllabus outlines the timing associated with using outliers for Quiz, Analysis, and T&S assignments.

Current plans for Exam 1:
The exam will be conducted online through Moodle. On 10/6, the exam will become available at 8am and close by midnight. The assessment will have a time limit of 1.5 hours (although it is written to take only an hour).

Tentative Daily Schedule for MA382

Monday	Tuesday	Thursday	Friday
10/12 Hypothesis testing	10/13 Calculating p-values	10/15 Interpreting p-values	10/16 HT examples Quiz 5 due by 5pm *Optional* S.A.6 by 5pm
10/19 ANOVA Analysis 5 by 5pm T&S 5 by 5pm	10/20 Indicator variables *Optional* D.C.3 √ by 5pm	10/22 ANOVA assumptions	10/23 ANOVA null distn. Quiz 6 due by 5pm *Optional* S.A.7 by 5pm
10/26 ANOVA theory Analysis 6 by 5pm T&S 6 by 5pm	10/27 Bootstrap in ANOVA	10/29 Experimental design	10/30 ANOVA examples Quiz 7 due by 5pm *Optional* S.A.8 by 5pm
11/2 Blocking variables Analysis 7 by 5pm T&S 7 by 5pm	11/3 2-way additive ANOVA examples	11/5 More experimental design *Optional* D.C.4 √ by 5pm	11/6 Identifying and recommending designs Quiz 8 by 5pm *Optional* S.A.9 by 5pm
11/9 Review Analysis 8 by 5pm T & S 8 by 5pm	11/10 **Exam 2**	11/12 No class meeting	11/13 No class meeting **Final exam opens 8am** Data challenge due 5pm

Classes highlighted in yellow are online/asynchronous.
Assignments highlighted in blue are required.
Assignments highlighted in green are optional but provide useful feedback for your data challenge and exam preparation.

Outliers:
The deadlines for other assignments are independent on your use of "outliers" – second attempts—on any of the assignments in the course. The Syllabus outlines the timing associated with using outliers for Quiz, Analysis, and T&S assignments.

Current plans for Exam 2:
The exam will be conducted online through Moodle. On 11/10, the exam will become available at 8am and close by midnight. The assessment will have a time limit of 1.5 hours (although it is written to take only an hour). It generally covers material presented after Exam 1.

Tentative Daily Schedule for MA382

Current plans for the Final Exam:
The exam will be conducted online through Moodle. This is a similar format as in Exam 1 & 2, however the content is cumulative. The assessment will open at 8am on 11/13 and close by midnight on 11/14. Like your other exams, it will have a time limit of 1.5 hours.

Dr. Heyman plans to have your Exam 2 graded before the Final opens so that you have adequate time to prepare. It is recommended that everyone plans to take the Final Exam until the results of Exam 2 become available.

Remember that the final exam may be optional, depending on the letter grade you are aiming for. (For example, if you scored 80% or above on both other exams, you cannot increase your grade any further by taking the final exam.) Requirements to achieve each letter grade are provided within the syllabus.