

## App Regression Analysis (Spring 2019)

Instructor: **Grudzien, Colin**

Section: **1001**

Course Title: **App Regression Analysis**

Course ID: **27392**

Objectives: **Upon completion of this course, students will be able to:**

**1. demonstrate understanding of the concepts that underly modern methods of linear regression, and critically assess the assumption associated with different statistical models.**

**2. interpret and discuss the results of regression analyses in a broader scientific context and using the terminology of the applied problem.**

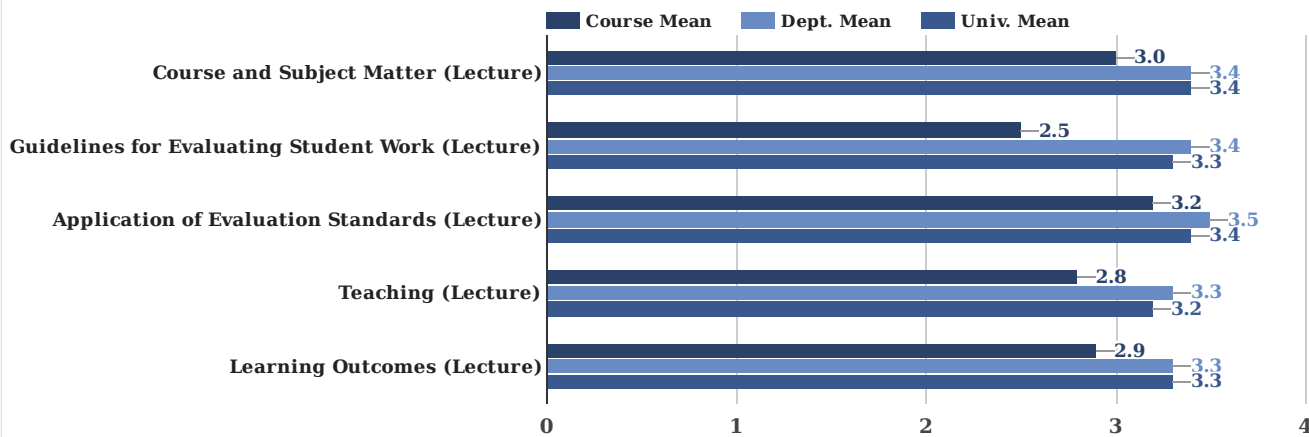
**3. perform essential regression analysis using a professional statistical package, write technical report, and present the results to a professional audience.**

**Enrollment: 17**

**Responses Incl Declines: 13**

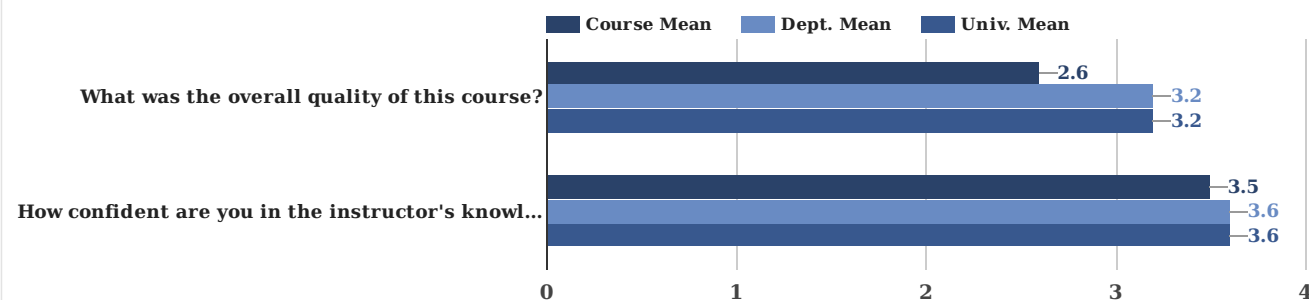
**Declines: 0**

### Category Summary



Category	Number of Responses	Response Rate	Mean	Dept. Mean	Univ. Mean	Median	Dept. Median	Univ. Median	STDEV
Course and Subject Matter (Lecture)	26	76.5%	3.0	3.4	3.4	3.0	4.0	4.0	0.8
Guidelines for Evaluating Student Work (Lecture)	13	76.5%	2.5	3.4	3.3	3.0	4.0	4.0	1.2
Application of Evaluation Standards (Lecture)	13	76.5%	3.2	3.5	3.4	3.0	4.0	4.0	1.0
Teaching (Lecture)	13	76.5%	2.8	3.3	3.2	3.0	4.0	4.0	0.8
Learning Outcomes (Lecture)	26	76.5%	2.9	3.3	3.3	3.0	4.0	4.0	0.7

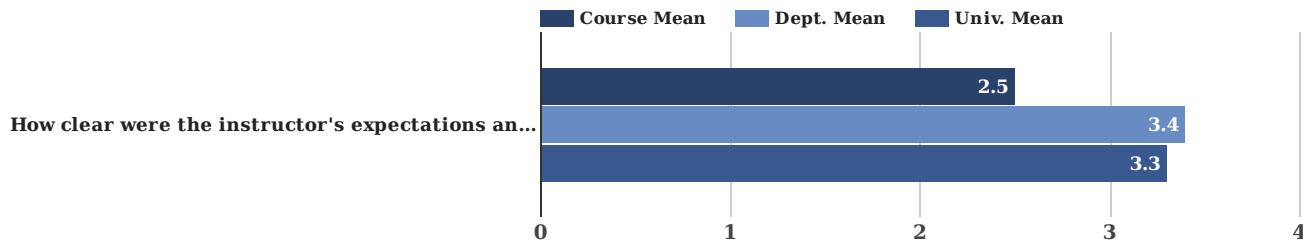
### Course and Subject Matter (Lecture)



Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
What was the overall quality of this course?	13	76%	2.6	3.2	3.2	3.0	3.0	3.0
How confident are you in the instructor's knowledge of the subject matter of this course?	13	76%	3.5	3.6	3.6	4.0	4.0	4.0

Note: 0:Unsatisfactory; 1:Somewhat inadequate; 2:Adequate; 3:Good; 4:Exceptional;

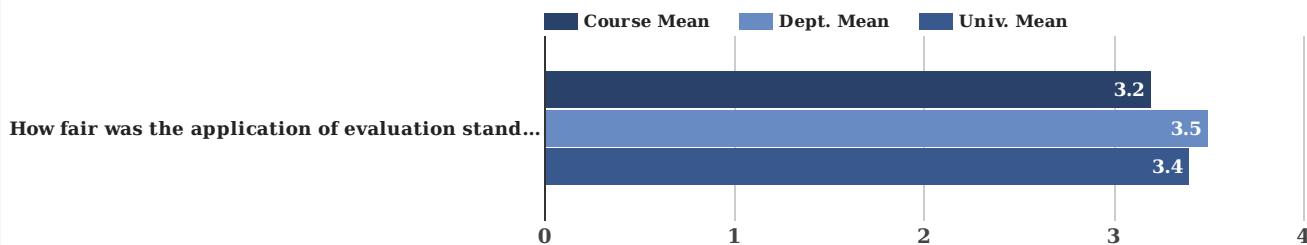
### Guidelines for Evaluating Student Work (Lecture)



Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
How clear were the instructor's expectations and guidelines for evaluating student work?	13	76%	2.5	3.4	3.3	3.0	4.0	4.0

Note: 0:Very unclear; 1:Somewhat unclear; 2:Somewhat clear; 3:Mostly clear; 4:Very clear;

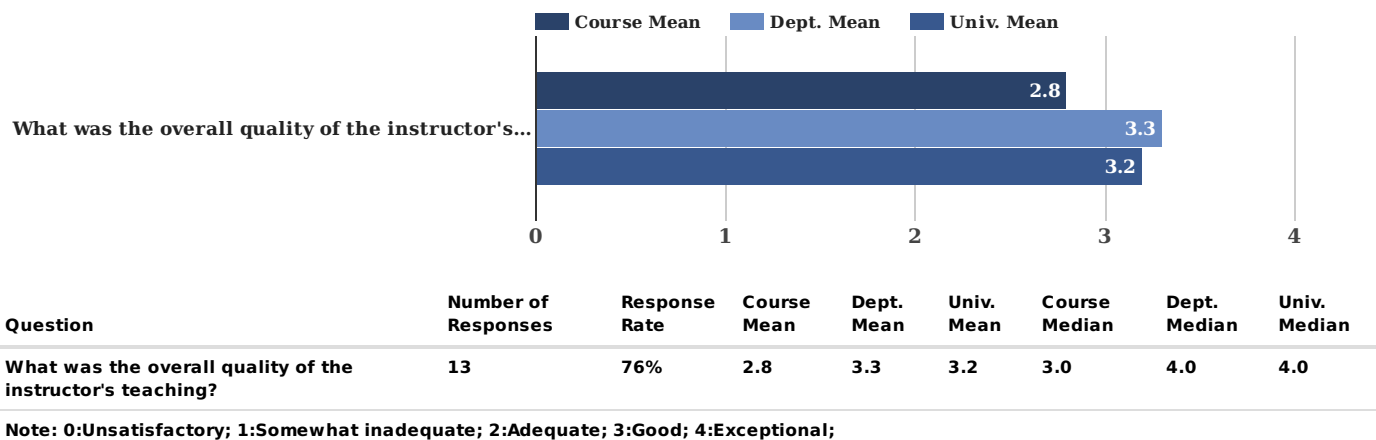
### Application of Evaluation Standards (Lecture)



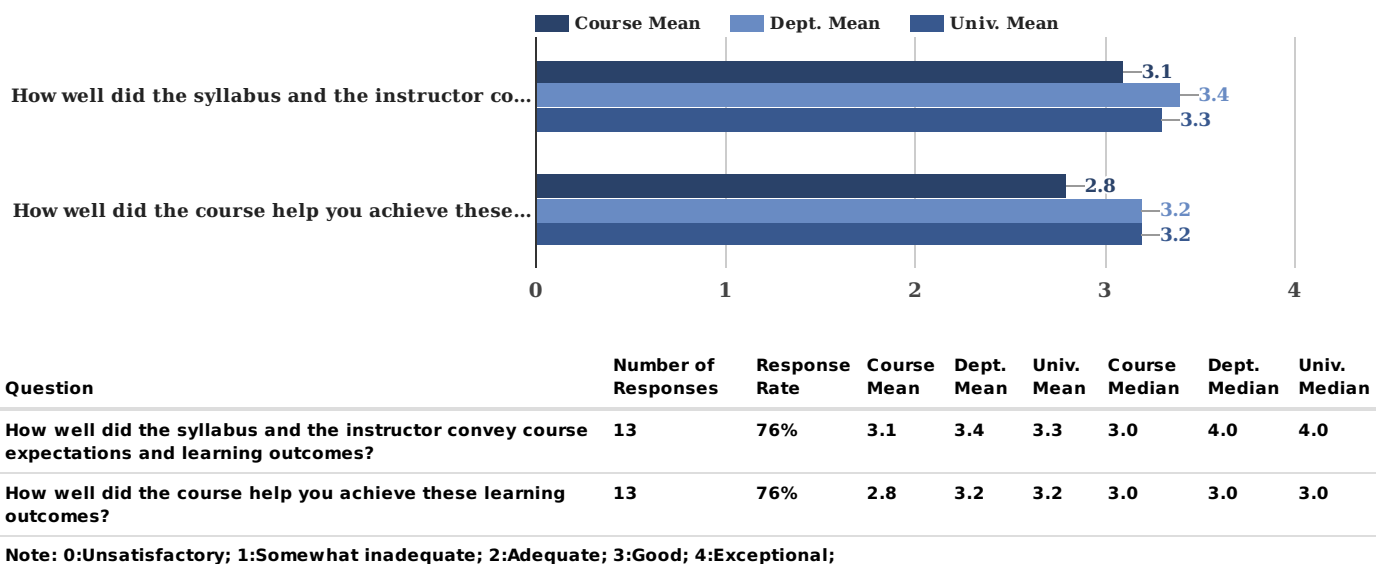
Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Univ. Mean	Course Median	Dept. Median	Univ. Median
How fair was the application of evaluation standards?	13	76%	3.2	3.5	3.4	3.0	4.0	4.0

Note: 0:Very unfair; 1:Somewhat unfair; 2:Somewhat fair; 3:Mostly fair; 4:Very fair;

### Teaching (Lecture)

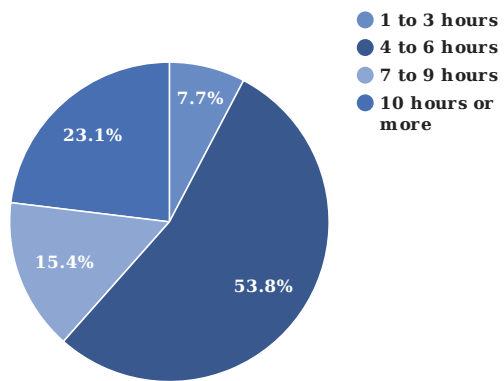


## Learning Outcomes (Lecture)

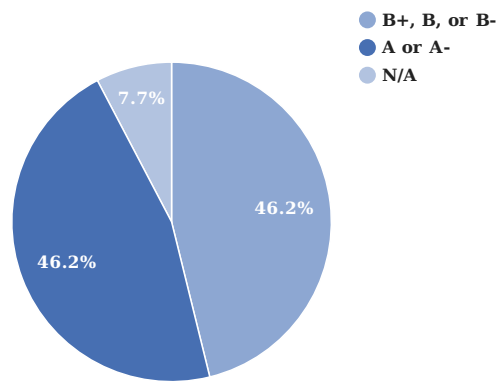


## Demographics

**How many hours per week did you work on this course, other than time in class?**



**What grade do you expect to receive for this course? Select N/A if the course is not graded.**



## App Regression Analysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**  
Course ID: **27392**

Enrollment: **17**  
Responses Incl Declines: **13**  
Declines: **0**

Objectives: **Upon completion of this course, students will be able to:**

**1. demonstrate understanding of the concepts that underly modern methods of linear regression, and critically assess the assumption associated with different statistical models.**

**2. interpret and discuss the results of regression analyses in a broader scientific context and using the terminology of the applied problem.**

**3. perform essential regression analysis using a professional statistical package, write technical report, and present the results to a professional audience.**

### Teaching (Lecture) (22 comments)

**Q: Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

- 1 It is clear from his instruction that Colin has a passion and deep understanding of regression, and more broadly, statistics. He is able to answer any question with relative ease, and is careful to give a response only when he knows something quite well. He also excels at creating a comfortable classroom for students to learn in.**

My main issue with the course is the discrepancy between the course description and the content. This course, per the catalog, is "primarily intended for non-math graduate students". As a non-math graduate student, roughly half of the lecture content was completely over my head. I struggled to keep up with this class: as my previous coursework and two degrees did not prepare me for this, both at a high level (proving statistical theorems) and a low level ( understanding jargon and math-specific terminology/symbols). While this was all highly informative, I can't help but feel like I was a highly confused, but fascinated child.

- 2 The instructors's teaching is good and he has a special way of thinking and providing ideas; however his logic and interpretation was not always easy to get.**

- 3 Maybe it's because I was woefully unprepared for the course, but I thought the instructor moved through his lectures/presentations too quickly. His use of math jargon, and arcane language in general, made it difficult for me to understand what he was talking about.**

The professor was more than fair to me, and went out of his way to help me, which I am very grateful for. He made himself very available for help outside of class, and was always quick to reply to questions sent through email.

- 4 I really enjoyed having Dr. Grudzien as an instructor. I felt that he really cared about his students and wanted them to understand the material.**

- 5 Colin is very well versed in statistics and theory behind what we are learning. I do think as a class that is geared towards non-statistic or non-math majors, this class started out very informative and focused on learning R language in depth as well as what to use and why in a less statistical theoretic way but then shifted to focus almost entirely on theory. I think a lot of the class was having a hard time understanding the jargon and how to apply these theoretical ways of interpreting these problems. I would have liked this class to be a little more technical in learning R and what to use. I also was unclear on what exactly Colin was looking for in the homework and how he decided to grade. Some were based entirely on completion while others had only certain problems within the entire homework to be graded.**

- 6 I enjoyed the teaching and the explanations. Thank you Sir!**

- 7 The lecturing was wonderful, he always was looking for feedback from the class for understanding. The html slideshow was new to me, and they were wordy at points, but I eventually saw how it would be better for R code over powerpoint. I liked how we began the semester going over R, (I think it would be good to be a little bit more hands on with R as a class), however, switching over to the chalk board was unexpected as I had no idea what was going on and could not understand due to lack of high level math knowledge (see the next response). I believe that best part of this course overall was the midterm and final projects. To me, the class was just numbers and letters in big complicated equations until we were able to work with and analyze real data, making the class applicable outside of the classroom. The project opened up many opportunities to visit office hours to increase understanding by filling in the gaps, and to ask obscure yet interesting questions out of interest and curiosity. Also, I probably would have failed the course if these were exams and not projects (I have never gotten anything less than a B in my whole college career, that should tell you something), so please, please don't change that.**

- 8 Dr. Grudzien is extremely knowledgeable in the course material, however, I signed up for this class because it was a**

stats course for non-stats graduate students, and I feel like a lot of the material in the second half of the semester was theoretical. I would suggest incorporating theory, when necessary, otherwise, I would do without it for this course. I would also suggest either grading all of the homework assignments as competition scores, or for correctness.

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- 9 The professor was very passionate about the subject and seem to have a good grasp on the ideas. He didnt seem to know as much about the programming in R though. He was always welcoming of question.

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10 very good

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- 11 I really liked Dr. Grudzien's teaching style. He is very helpful during the office hours as well. I really enjoyed and learned more doing the homework. One thing I did not like about the quizzes is that some times the questions were confusing (may be because of the difficult language used) and It was difficult to figure out the exact answer.

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**Q: Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

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- 1 I will not reiterate the previous points. Other areas to improve on:

-Grading/Evaluation: This was one of my (and speaking to other students, others') greatest frustrations with this class. The course has weekly homework assignments and quizzes. Evaluation of these assignments and quizzes is not clear, nor is it constant. There were multiple weeks where assignments were graded on "completion", and others were graded on correct responses, for example. There did not appear to be rhyme or reason to which grading criterion would be applied to homework in a given week.

Workload: Compounded by evaluation, there was a lot of work to do in this class. We had weekly assignments for much of the semester. This is somewhat whiny, but ultimately I spent more time on work in this class than either of the other graduate seminars I took this semester. The workload for this class may not be untenable in a vacuum, but students and classes do not operate in vacuums. I found myself taking 9 credits this term, giving talks, preparing conference posters, doing research, and preparing for my comprehensive exam, to give a few examples; and the workload of the class actively hindered my completion of much higher priorities.

Attendance: Attendance was graded in this class (except for days in which the instructor decided not to grade attendance). Given the duties above, and the fact that I could barely understand much of the lectures to begin with, I often chose to miss lectures to focus on other work (or to just read out of the book). This might be less of an issue if there is a greater understanding of the course material (and thus, lectures are more informative), but given that this class is intended for primarily non-math graduate students, I wonder if other students this term felt the same way.

- 
- 2 I liked this statistics course, somehow we ended up with great projects which summarized the main ideas the we covered over the semester.

One disappointing thing which I faced more than two times, it was with homeworks' grading; because it was not clear how the instructor picked and graded the most relevant parts for him, even if I spent more than 3 hours to figure all the parts, I would not be graded for the whole thing.

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- 3 I felt somewhat duped. The catalog said this course was for non-stat/math students, but the majority of the people in the class seemed to be grad students in statistics. The professor assumed we had prior training in linear algebra, which I did not, and as a result, I was lost the entire semester. I think if the format of the class stays the same, then there should be strict enforcement of having taken linear algebra and some background in programming prior to enrollment. I also had never used R before this class, and never really seemed to get a grasp of it. Alternatively, they could remove the linear algebra components, and make the class strictly an applications course with very little theory, and more of an emphasis on teaching R.

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- 4 I was hoping that this course would focus even more on application and less theory. Even though we didn't need to know that much theory for homework and projects, I felt that we spent a lot of class time learning about theory. I wish we would have spent less time on that and more time on other regression techniques that we might need in a real application.

- 
- 5 I think if this class is listed as an applied regression analysis course for non-statistic and non-math majors, we should spend more time focusing on the technical side of it and interjecting the theory as it is necessary. I see the validity in discussing theory but maybe making it in a way to be more digestible to the audience. Although, the topic of this class is very useful especially because there aren't a lot of statistics classes directed to non-statistics people and it is necessary information to learn.

- 
- 6 It will be good to set guideline questions for midterm and probably allow them to explore with their final project work.

- 
- 7 This course needs prerequisites. MyNevada explicitly says that this class is intended for NON MATH STUDENTS, but the material that the class goes over [[requires]] understanding of high level math. That must be an administrative error. I should not have been allowed to enroll in this class without having taken matrix algebra, vector calculus, or at least 3D calculus/calc III. I know I was not the only student who had the same knowledge deficits as I did. So, this class should have prerequisites.

Because I didn't have the background knowledge, I was unable to get nearly any valuable takeaways due to not

because I didn't have the background knowledge, I was unable to get nearly any valuable takeaways due to not understanding of the math nor the theory behind the vast majority of the topics covered. I felt like I needed to teach myself matrix algebra and vector calc in the beginning of the semester.

There was a wide range of students in the classroom with some that knew everything (students from the stats department) versus those who knew nearly nothing (me and at least 2 other students) which made it difficult for me because I felt like I was struggling too much and that I should not have been in that class at all, in comparison to the others.

Colin was absolutely sympathetic of this, which I greatly appreciated.

Again, I would have failed this class if it wasn't for the ability to learn hands on with the projects, and I can easily say, by FAR, I have never been more lost in a class.

!!!!!!!Please. Add. Pre-Requisites!!!!!!

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8 I enjoyed the course, in general.

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9 Overall the course was good. I thought there was some weird issues with the grading, for example on the quizzes if you missed on part you couldn't get above a C. I feel like there needed to be more questions or the grading weights should be changed. I think doing a project is beneficial to see real world examples. I was also hoping for more lab time, at the beginning it seemed like we would be doing more practice in class. Overall I learned a lot and would suggest this class

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10 very good

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11 This course is one of the best applied course in Statistics. I believe he is going to make this course more applied in future. Rather than focusing too much on the theory if he could have gone through different types of regressions for example Ridge regression, Lasso regression and Logistic regressions as well, this course would be the best course in Statistics and we would be definitely expert in the regression analysis and consequently we would be expert to analyse any kinds of data. Moreover if we could have got at least two different types of projects then this course would be the best applied course in Statistics.

# App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **1** of **13**

## Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Good

**How confident are you in the instructor's knowledge of the subject matter of this course?** Exceptional

## Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Very fair

## Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Mostly clear

## Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Exceptional

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

The lecturing was wonderful, he always was looking for feedback from the class for understanding. The html slideshow was new to me, and they were wordy at points, but I eventually saw how it would be better for R code over powerpoint. I liked how we began the semester going over R, (I think it would be good to be a little bit more hands on with R as a class), however, switching over to the chalk board was unexpected as I had no idea what was going on and could not understand due to lack of high level math knowledge (see the next response). I believe that best part of this course overall was the midterm and final projects. To me, the class was just numbers and letters in big complicated equations until we were able to work with and analyze real data, making the class applicable outside of the classroom. The project opened up many opportunities to visit office hours to increase understanding by filling in the gaps, and to ask obscure yet interesting questions out of interest and curiosity. Also, I probably would have failed the course if these were exams and not projects (I have never gotten anything less than a B in my whole college career, that should tell you something), so please, please don't change that.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

This course needs prerequisites. MyNevada explicitly says that this class is intended for NON MATH STUDENTS, but the material that the class goes over [[requires]] understanding of high level math. That must be an administrative error. I should not have been allowed to enroll in this class without having taken matrix algebra, vector calculus, or at least 3D calculus/calc III. I know I was not the only student who had the same knowledge deficits as I did. So, this class should have prerequisites. Because I didn't have the background knowledge, I was unable to get nearly any valuable takeaways due to not understanding of the math nor the theory behind the vast majority of the topics covered. I felt like I needed to teach myself matrix algebra and vector calc in the beginning of the semester. There was a wide range of students in the classroom with some that knew everything (students from the stats department) versus those who knew nearly nothing (me and at least 2 other students) which made it difficult for me because I felt like I was struggling too much and that I should not have been in that class at all, in comparison to the others. Colin was absolutely sympathetic of this, which I greatly appreciated. Again, I would have failed this class if it wasn't for the ability to learn hands on with the projects, and I can easily say, by FAR, I have never been more lost in a class. !!!!!!!Please. Add. Pre-Requisites!!!!!!

## Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Good



**How well did the course help you achieve these learning outcomes?**

Adequate

**How many hours per week did you work on this course, other than time in class?**

10 hours or more

**What grade do you expect to receive for this course? Select N/A if the course is not graded.**

B+, B, or B-

## App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **2** of **13**

### Course and Subject Matter (Lecture)

What was the overall quality of this course? Good

How confident are you in the instructor's knowledge of the subject matter of this course? Good

### Application of Evaluation Standards (Lecture)

How fair was the application of evaluation standards? Mostly fair

### Guidelines for Evaluating Student Work (Lecture)

How clear were the instructor's expectations and guidelines for evaluating student work? Mostly clear

### Teaching (Lecture)

What was the overall quality of the instructor's teaching? Good

Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.

Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.

### Learning Outcomes (Lecture)

How well did the syllabus and the instructor convey course expectations and learning outcomes? Good

How well did the course help you achieve these learning outcomes? Good

How many hours per week did you work on this course, other than time in class? 4 to 6 hours

What grade do you expect to receive for this course? Select N/A if the course is not graded. A or A-

## App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **3** of **13**

### Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Exceptional

**How confident are you in the instructor's knowledge of the subject matter of this course?** Exceptional

### Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Very fair

### Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Very clear

### Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Exceptional

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.** very good

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.** very good

### Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Exceptional

**How well did the course help you achieve these learning outcomes?** Exceptional

**How many hours per week did you work on this course, other than time in class?** 7 to 9 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.** A or A-

## App Regression Analysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **4** of **13**

### Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Adequate

**How confident are you in the instructor's knowledge of the subject matter of this course?** Exceptional

### Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Somewhat fair

### Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Somewhat unclear

### Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Adequate

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

Colin is very well versed in statistics and theory behind what we are learning. I do think as a class that is geared towards non-statistic or non-math majors, this class started out very informative and focused on learning R language in depth as well as what to use and why in a less statistical theoretic way but then shifted to focus almost entirely on theory. I think a lot of the class was having a hard time understanding the jargon and how to apply these theoretical ways of interpreting these problems. I would have liked this class to be a little more technical in learning R and what to use. I also was unclear on what exactly Colin was looking for in the homework and how he decided to grade. Some were based entirely on completion while others had only certain problems within the entire homework to be graded.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

I think if this class is listed as an applied regression analysis course for non-statistic and non-math majors, we should spend more time focusing on the technical side of it and interjecting the theory as it is necessary. I see the validity in discussing theory but maybe making it in a way to be more digestible to the audience. Although, the topic of this class is very useful especially because there aren't a lot of statistics classes directed to non-statistics people and it is necessary information to learn.

### Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Adequate

**How well did the course help you achieve these learning outcomes?** Adequate

**How many hours per week did you work on this course, other than time in class?** 4 to 6 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.** A or A-



# App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **5** of **13**

## Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Somewhat inadequate

**How confident are you in the instructor's knowledge of the subject matter of this course?** Exceptional

## Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Somewhat unfair

## Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Very unclear

## Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Adequate

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

It is clear from his instruction that Colin has a passion and deep understanding of regression, and more broadly, statistics. He is able to answer any question with relative ease, and is careful to give a response only when he knows something quite well. He also excels at creating a comfortable classroom for students to learn in. My main issue with the course is the discrepancy between the course description and the content. This course, per the catalog, is "primarily intended for non-math graduate students". As a non-math graduate student, roughly half of the lecture content was completely over my head. I struggled to keep up with this class: as my previous coursework and two degrees did not prepare me for this, both at a high level (proving statistical theorems) and a low level ( understanding jargon and math-specific terminology/symbols). While this was all highly informative, I can't help but feel like I was a highly confused, but fascinated child.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

I will not reiterate the previous points. Other areas to improve on: -Grading/Evaluation: This was one of my (and speaking to other students, others') greatest frustrations with this class. The course has weekly homework assignments and quizzes. Evaluation of these assignments and quizzes is not clear, nor is it constant. There were multiple weeks where assignments were graded on "completion", and others were graded on correct responses, for example. There did not appear to be rhyme or reason to which grading criterion would be applied to homework in a given week. Workload: Compounded by evaluation, there was a lot of work to do in this class. We had weekly assignments for much of the semester. This is somewhat whiny, but ultimately I spent more time on work in this class than either of the other graduate seminars I took this semester. The workload for this class may not be untenable in a vacuum, but students and classes do not operate in vacuums. I found myself taking 9 credits this term, giving talks, preparing conference posters, doing research, and preparing for my comprehensive exam, to give a few examples; and the workload of the class actively hindered my completion of much higher priorities. Attendance: Attendance was graded in this class (except for days in which the instructor decided not to grade attendance). Given the duties above, and the fact that I could barely understand much of the lectures to begin with, I often chose to miss lectures to focus on other work (or to just read out of the book). This might be less of an issue if there is a greater understanding of the course material (and thus, lectures are more informative), but given that this class is intended for primarily non-math graduate students, I wonder if other students this term felt the same way.

## Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations** Good

**and learning outcomes?**

**How well did the course help you achieve these learning outcomes?**

Adequate

**How many hours per week did you work on this course, other than time in class?**

4 to 6 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.**

B+, B, or B-

## App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **6 of 13**

### Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Good

**How confident are you in the instructor's knowledge of the subject matter of this course?** Good

### Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Mostly fair

### Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Somewhat clear

### Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Good

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

The instructors's teaching is good and he has a special way of thinking and providing ideas; however his logic and interpretation was not always easy to get.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

I liked this statistics course, somehow we ended up with great projects which summarized the main ideas the we covered over the semester. One disappointing thing which I faced more than two times, it was with homeworks' grading; because it was not clear how the instructor picked and graded the most relevant parts for him, even if I spent more than 3 hours to figure all the parts, I would not be graded for the whole thing.

### Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Exceptional

**How well did the course help you achieve these learning outcomes?** Good

**How many hours per week did you work on this course, other than time in class?** 4 to 6 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.** A or A-



## App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
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Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **7** of **13**

### Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Adequate

**How confident are you in the instructor's knowledge of the subject matter of this course?** Adequate

### Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Mostly fair

### Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Mostly clear

### Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Adequate

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.** The professor was very passionate about the subject and seem to have a good grasp on the ideas. He didnt seem to know as much about the programming in R though. He was always welcoming of question.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.** Overall the course was good. I thought there was some weir issues with the grading, for example on the quizzes if you missed on part you couldn't get above a C. I feel like there needed to be more questions or the grading weights should be changed. I think doing a project is beneficial to see real world examples. I was also hoping for more lab time, at the beginning it seemed like we would be doing more practice in class. Overall I learned a lot and would suggest this class

### Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Good

**How well did the course help you achieve these learning outcomes?** Good

**How many hours per week did you work on this course, other than time in class?** 7 to 9 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.** B+, B, or B-

## App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **8** of **13**

### Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Adequate

**How confident are you in the instructor's knowledge of the subject matter of this course?** Exceptional

### Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Somewhat fair

### Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Somewhat clear

### Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Good

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

Dr. Grudzien is extremely knowledgeable in the course material, however, I signed up for this class because it was a stats course for non-stats graduate students, and I feel like a lot of the material in the second half of the semester was theoretical. I would suggest incorporating theory, when necessary, otherwise, I would do without it for this course. I would also suggest either grading all of the homework assignments as competition scores, or for correctness.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

I enjoyed the course, in general.

### Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Adequate

**How well did the course help you achieve these learning outcomes?** Good

**How many hours per week did you work on this course, other than time in class?** 4 to 6 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.** B+, B, or B-

## App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **9** of **13**

### Course and Subject Matter (Lecture)

**What was the overall quality of this course?**

Good

**How confident are you in the instructor's knowledge of the subject matter of this course?**

Exceptional

### Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?**

Very fair

### Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?**

Mostly clear

### Teaching (Lecture)

**What was the overall quality of the instructor's teaching?**

Good

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

### Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?**

Good

**How well did the course help you achieve these learning outcomes?**

Good

**How many hours per week did you work on this course, other than time in class?**

4 to 6 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.**

N/A

## App Regression Analysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **10 of 13**

### Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Good

**How confident are you in the instructor's knowledge of the subject matter of this course?** Good

### Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Mostly fair

### Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Somewhat unclear

### Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Good

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.** I enjoyed the teaching and the explanations. Thank you Sir!

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.** It will be good to set guideline questions for midterm and probably allow them to explore with their final project work.

### Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Good

**How well did the course help you achieve these learning outcomes?** Good

**How many hours per week did you work on this course, other than time in class?** 4 to 6 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.** B+, B, or B-

## App Regression Analysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **11** of **13**

### Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Good

**How confident are you in the instructor's knowledge of the subject matter of this course?** Good

### Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Very fair

### Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Very clear

### Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Good

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

I really liked Dr. Grudzien's teaching style. He is very helpful during the office hours as well. I really enjoyed and learned more doing the homework. One thing I did not like about the quizzes is that some times the questions were confusing (may be because of the difficult language used) and it was difficult to figure out the exact answer.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

This course is one of the best applied course in Statistics. I believe he is going to make this course more applied in future. Rather than focusing too much on the theory if he could have gone through different types of regressions for example Ridge regression, Lasso regression and Logistic regressions as well, this course would be the best course in Statistics and we would be definitely expert in the regression analysis and consequently we would be expert to analyse any kinds of data. Moreover if we could have got at least two different types of projects then this course would be the best applied course in Statistics.

### Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Good

**How well did the course help you achieve these learning outcomes?** Good

**How many hours per week did you work on this course, other than time in class?** 10 hours or more

**What grade do you expect to receive for this course? Select N/A if the course is not graded.** A or A-

# App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **12 of 13**

## Course and Subject Matter (Lecture)

**What was the overall quality of this course?** Adequate

**How confident are you in the instructor's knowledge of the subject matter of this course?** Good

## Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?** Very fair

## Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?** Mostly clear

## Teaching (Lecture)

**What was the overall quality of the instructor's teaching?** Good

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.** I really enjoyed having Dr. Grudzien as an instructor. I felt that he really cared about his students and wanted them to understand the material.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.** I was hoping that this course would focus even more on application and less theory. Even though we didn't need to know that much theory for homework and projects, I felt that we spent a lot of class time learning about theory. I wish we would have spent less time on that and more time on other regression techniques that we might need in a real application.

## Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?** Exceptional

**How well did the course help you achieve these learning outcomes?** Exceptional

**How many hours per week did you work on this course, other than time in class?** 1 to 3 hours

**What grade do you expect to receive for this course? Select N/A if the course is not graded.** A or A-

# App Regression Anlysis (Spring 2019)

Instructor: **Grudzien, Colin**  
Subject: **STAT**  
Catalog & Section: **757 1001**

Enrolled: **17**  
Responses Incl Declines: **13**  
Declined: **0**

Response **13 of 13**

## Course and Subject Matter (Lecture)

**What was the overall quality of this course?**

Good

**How confident are you in the instructor's knowledge of the subject matter of this course?**

Exceptional

## Application of Evaluation Standards (Lecture)

**How fair was the application of evaluation standards?**

Very fair

## Guidelines for Evaluating Student Work (Lecture)

**How clear were the instructor's expectations and guidelines for evaluating student work?**

Very clear

## Teaching (Lecture)

**What was the overall quality of the instructor's teaching?**

Somewhat inadequate

**Please provide your thoughts on the instructor's teaching, including strengths and areas for possible improvement.**

Maybe it's because I was woefully unprepared for the course, but I thought the instructor moved through his lectures/presentations too quickly. His use of math jargon, and arcane language in general, made it difficult for me to understand what he was talking about. The professor was more than fair to me, and went out of his way to help me, which I am very grateful for. He made himself very available for help outside of class, and was always quick to reply to questions sent through email.

**Please provide your thoughts on the course as a whole, including strengths and areas for possible improvement.**

I felt somewhat duped. The catalog said this course was for non-stat/math students, but the majority of the people in the class seemed to be grad students in statistics. The professor assumed we had prior training in linear algebra, which I did not, and as a result, I was lost the entire semester. I think if the format of the class stays the same, then there should be strict enforcement of having taken linear algebra and some background in programming prior to enrollment. I also had never used R before this class, and never really seemed to get a grasp of it. Alternatively, they could remove the linear algebra components, and make the class strictly an applications course with very little theory, and more of an emphasis on teaching R.

## Learning Outcomes (Lecture)

**How well did the syllabus and the instructor convey course expectations and learning outcomes?**

Good

**How well did the course help you achieve these learning outcomes?**

Somewhat inadequate

**How many hours per week did you work on this course, other than time in class?**

10 hours or more

**What grade do you expect to receive for this course? Select N/A if the course is not graded.**

B+, B, or B-