Teaching Evaluations
Fred Park

Snapshots of my teaching evaluations are seen below.

Section 1: Computer Science Courses Including Specialty Paired Course
COSC 190: AI, Computer Vision, and Cognition, Whittier College, S2017
COSC 390: Machine Learning, Whittier College, S2020
COSC 120: Intro to COSC using Python, Whittier College, F2017
COSC 220: Data Structures in C++, Whittier College Spring, 2017

Section 2: Calculus, Linear Algebra, and Differential Equations
Math 141: Calculus I, Whittier College, S2021
Math 141B: Calculus II, Whittier College, S2013
Math 241: Multivariable Calculus, Whittier College, F2019
Math 242: Linear Algebra and Applications, Whittier College, S2015
Math 345A: Ordinary Differential Equations, Whittier College, S2017

Section 3: Applied Math Major Courses
Math 354: Mathematical Modeling, Whittier College, F2019
Math 350: Numerical Methods Whittier College, F2016

Section 4: Merage School
Course Summaries: includes instructor and school averages
FIN 290: Programming and Data (graduate) UCI Paul Merage School of Business, W2019
(First time course was offered at UCI)
FIN 290: Programming and Data (graduate) UCI Paul Merage School of Business, W2023
MPAC 290: Advanced Analytics (graduate), UCI Paul Merage School of Business, S2020

Section 5: UCI Math
Math 2E: Multivariable Calculus, UCI, F2010
Math 2E: Multivariable Calculus, UCI, S2011

Section 1: Computer Science Courses Including Specialty Paired Course
COSC 190: AI, Computer Vision, and Cognition, Whittier College, S2017
COSC 390: Machine Learning, Whittier College, S2020
COSC 120 Intro to COSC using Python, Whittier College, F2017
COSC 220 Data Structures in C++, Whittier College Spring, 2017

COSC 190: AI, Computer Vision, and Cognition, Whittier College S2017

Course Description:

Have you ever wondered how a computer can tell the difference between the letter B and the number 8? This simple process can be extended to recognizing faces in an FBI database or even tracking moving airplanes in live video. In this course we will look at how computers recognize objects, patterns, and more. Moreover, we will detail the links between human cognition and how computers attempt to mimic such cognitive processes. Prerequisites: C- or higher in MATH 76 or MATH 79 or COSC 100 or 2 or higher on the MATH placement test. Note: Students must also enroll in 21184 PSYC 336 to receive CON1 credit.

Student Evaluation of Courses and Faculty

Spring 2017

CRN# = 21319   Number Enrolled = 30   Percent Completing Evaluation = 93.3%

Course Subject and # (e.g. INTD 150):   Instructor:

COSC 190 - AI, Computer Vision, & Cognition   PARK, FREDRICK

Your year in college: Freshmen **(n=0)**   Sophomore   **(n=0)**   Junior **(n=5)**   Senior **(n=21)**

Why did you take this course? (Check all that apply)

Lib. Ed. **(n=21)**   WSP requirement **(n=0)**   Major requirements **(n=1)**   Minor requirements **(n=0)**   Elective/Interest **(n=8)**

	Student Self-Evaluation	N	Mean	SD	Disagree				Agree	N/A
1.	I attended class regularly.	28	4.79	0.50	0	0	1	4	23	0
2.	I was academically prepared to handle the materials.	28	4.25	1.27	2	2	1	5	18	0
3.	I came prepared for each class session (.i.e. have read all course readings and completed assignments).	28	4.85	0.36	0	0	0	4	23	1
4.	I actively participated in class discussions.	28	4.56	0.93	1	0	2	4	20	1
5.	I attended scheduled office hours if I had questions about the course materials.	28	4.32	1.19	1	2	4	1	20	0
6.	I tried to relate course material to other things I know and/or study.	28	4.68	0.55	0	0	1	7	20	0
7.	I worked to my full potential in this course.	28	4.75	0.44	0	0	0	7	21	0
8.	I was satisfied with my performance in this course.	28	4.79	0.42	0	0	0	6	22	0
9.	I had a strong desire to take this course.	28	4.11	1.31	1	5	1	4	17	0

	Course	N	Mean	SD	Disagree				Agree	N/A
10.	This course had clear goals and objectives.	28	4.79	0.50	0	0	1	4	23	0
11.	This course was academically challenging.	27	4.89	0.32	0	0	0	3	24	0
12.	This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	28	4.93	0.26	0	0	0	2	26	0
13.	This course had grading criteria that were clearly identified.	28	4.86	0.36	0	0	0	4	24	0
14.	This course improved my understanding of the material.	27	4.96	0.19	0	0	0	1	26	0
15.	This course increased my interest in the subject matter.	28	4.57	0.79	0	1	2	5	20	0
16.	Overall, I would recommend this course to others.	27	4.44	1.15	2	0	2	3	20	0

	Professor	N	Mean	SD	Disagree				Agree	N/A
17.	The professor used class time effectively and demonstrated preparation for class.	28	4.82	0.39	0	0	0	5	23	0
18.	The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	28	4.75	0.70	0	1	1	2	24	0
19.	The professor was able to explain complicated ideas.	28	4.79	0.42	0	0	0	6	22	0
20.	The professor challenged students to think critically and/or imaginatively about the course material.	28	4.82	0.39	0	0	0	5	23	0
21.	The professor provided clear and timely feedback.	28	4.68	0.82	0	2	0	3	23	0
22.	The professor encouraged meaningful class discussions.	28	4.81	0.40	0	0	0	5	21	2
23.	The professor was receptive to differing views.	28	4.73	0.60	0	0	2	3	21	2
24.	The professor was available for help outside of class.	28	5.00	0.00	0	0	0	0	28	0
25.	Overall, I would recommend this professor to others.	28	4.89	0.42	0	0	1	1	26	0

	Supplemental Questions	N	Mean	SD						N/A
26.	Supplemental question 1	1	5.00	0.00	0	0	0	0	1	0
27.	Supplemental question 2	1	4.00	0.00	0	0	0	1	0	0
28.	Supplemental question 3	1	5.00	0.00	0	0	0	0	1	0
29.	Supplemental question 4	1	4.00	0.00	0	0	0	1	0	0
30.	Supplemental question 5	1	5.00	0.00	0	0	0	0	1	0

Section Means: Student = 4.56   Course = 4.78   Professor = 4.80

COSC 390: Machine Learning, Whittier College, S2020

Course Description:

The following question often arises: how can computers learn to do things without being explicitly programmed? Moreover, how can machines learn to do things like recognize faces or objects of interest? Or, how can a self-driving car learn to lane change in a dynamic environment? With recent advances, these problems and many more have been successfully solved and interest in machine learning has skyrocketed. For example, Netflix offered a $1 million dollar prize for a movie recommender system and Google's DeepMind AI used machine learning to beat the world's best Go player. In this semester long introduction to machine learning, you will learn the technologies behind these applications and many more. Topics include unsupervised and supervised learning, data clustering, principle component analysis, logistic regression, support vector machines, neural networks, and deep learning. Pre-reqs: COSC 120 and Math 142 with a grade of C- or better

Selected Topics in COSC (2020 Spring)

Instructor: **Park, Fredrick**
Subject: **COSC**
Catalog & Section: **390 0**

Enrollment: **12**
Responses Incl Declines: **12**
Declines: **0**

Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	107	99.1%	4.7	4.5	5.0	5.0	0.6
Course	84	100.0%	4.9	4.7	5.0	5.0	0.3
Professor - Fredrick Park	108	100.0%	4.9	4.8	5.0	5.0	0.5

Demographics

Question	Number of Responses	Liberal Education	WSP requirement	Major requirement	Minor requirement	Elective/Interest
Why did you take this course? (Select primary reason.)	12	0%	0%	83%	0%	17%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	12	8%	17%	50%	25%	0%

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	12	100%	5.0	4.9
I was academically prepared to handle the material.	12	100%	4.2	4.5
I came prepared for each class session (i.e. have read all course readings and completed assignments).	12	100%	4.8	4.6
I actively participated in class discussions.	12	100%	4.5	4.2
I attended scheduled office hours if I had questions about the course material.	11	91%	4.9	4.3
I tried to relate course material to other things I know and/or study.	12	100%	4.9	4.7
I worked to my full potential in this course.	12	100%	4.7	4.6
I was satisfied with my performance in this course.	12	100%	4.5	4.4
I had a strong desire to take this course.	12	100%	5.0	4.4

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Course

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
This course had clear goals and objectives.	12	100%	5.0	4.9
This course was academically challenging.	12	100%	5.0	4.9
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	12	100%	5.0	4.8
This course had grading criteria that were clearly identified.	12	100%	4.7	4.8
This course improved my understanding of the material.	12	100%	4.9	4.7
This course increased my interest in the subject matter.	12	100%	5.0	4.5
Overall, I would recommend this course to others.	12	100%	5.0	4.6

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Professor - Fredrick Park

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
The professor used class time effectively and demonstrated preparation for class.	12	100%	5.0	4.9
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	12	100%	4.9	4.7
The professor was able to explain complicated ideas.	12	100%	5.0	4.7
The professor challenged students to think critically and/or imaginatively about the course material.	12	100%	5.0	4.9
The professor provided clear and timely feedback.	12	100%	4.3	4.7
The professor encouraged meaningful class discussions.	12	100%	4.8	4.8
The professor was receptive to differing views.	12	100%	4.9	4.8
The professor was available for help outside of class.	12	100%	4.9	4.9
Overall, I would recommend this professor to others.	12	100%	5.0	4.8

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

Open Ended Responses

Written Comments (84 comments)

Q: What useful feedback could you provide the professor of this course? (Please be specific.)

1   You are doing well.

2   The transition was much smoother than most other courses and it was very much appreciated that the material was still handled well and effectively thought the course

3   The course was very challenging but the professor was able to make it seem easier with his teaching style.

4   The course was a blast and very interesting to be part of. It was really helpful to learn certain techniques in python and to learn the algorithms by hand. I felt the pacing of the course was a little on the slower side and could have been a bit faster.

5   Instead of doing a broad overview, maybe focus on an important topic that would build a foundation for other topics

6   Showing students applications before diving into the subject sparks great interest. It helped me work through the difficulties of some problems knowing the outcome is applicable in interesting fields of research.

7   None

8   You did a great job given the circumstances

9 n/a

10 .

11 Nothing.

12 Homework deadline extensions were a lifesaver, but it would save us some stress if the deadlines were set there in the first place

Q: What were the best aspects of this course? (Please be specific.)

1 The starting from scratch

2 The best aspects of the course were the class meetings. When we were able to discuss over zoom

3 The way the professor made sure we understood the topics by going the hard route first before explaining the easier way of doing things.

4 The best aspect was building the code that ran the machine learning algorithms, though I enjoyed learning about Convolution Neural Networks.

5 The amount of knowledge obtained in a short amount of time

6 The professor was able to explain concepts that were difficult in a captivating way.

7 That we were able to transfer the class online with little to no issue

8 How much we managed to cover in such a short time

9 ability to practice what we've learned while still being able to complete assignments through the use of guided homework assignments

10 .

11 Everything was really good and informative. I really liked learning about the different kinds of machine learning techniques and methods to complete an algorithm.

12 Seeing how it's actually not that difficult to code some pretty cool things! Also what we learned seems incredibly useful in all aspects of life and will help with future research. He was also very willing to help during office hours :-)

Q: What would you change about this course? (Please be specific.)

1 Nothing

2 I would not modify anything other than the general structure of the course to have better accommodated for online learning in hindsight

3 Nothing

4 One change would be to spend less time on learning python in the beginning of the course. Perhaps change it into an assignment to allow more time to cover machine learning topics

5 I would have students code more together

6 Nothing.

7 nothing

8 I would try to spend more time on neural networks

9 n/a

10 .

11 Maybe add a little more preliminary homework and add more study material.

12 The pre-reqs (COSC 120 and MATH 141) were not right. This course was much too challenging to complete with only those. Better pre-reqs would be computer science 2 and calc 3

Q: Please evaluate your own performance in this course. That is, are you satisfied with your accomplishments in this course? If not, what should you have done differently to improve your performance and/or comprehension of the course material.

1 Adequate

2 I worked as best as I could in the course and am reasonably satisfied. I would have done more of the assignments if I hand the capacity

3   I should've put in more time, despite the hours and hours of studying I did. I still struggled but the professor did an amazing job of keeping every student engaged even though I was one of the timid ones.

4   I would say I am satisfied with my accomplishments in the course.

5   I could have spent more time on improving my code and debugging

6   I did ok.

7   I did potato

8   I am satisfied with my performance

9   I am satisfied with my performance

10   yes.

11   I did okay, I feel that I could have done better, given more time or if I had less classes.

12   I did well despite the fact that I found the course incredibly difficult. That being said, I'm disappointed that I had to rely so heavily on the template code rather than write the algorithms myself

Q: How much, and in what ways, was your evaluation of the course affected by the shift to online teaching?

1   Not at all

2   It impacted my view of online teaching methods. I found that meeting through zoom was still preferable to simply being given material

3   The course lost some personal touch and face to face conversations yet was effective in learning the concepts.

4   Not much changed my evaluation.

5   Not affected

6   None.

7   Not much

8   Significantly, it was like taking an entirely different class

9   not at all

10   none.

11   Not much, everything translated very well.

12   The shift to online worked well, my evaluation won't be affected by it

Q: What did the professor do to change the course to an online format?

1   Held class online via zoom

2   He transitioned meetings online and provided resources to allow us to continue to learn. He was also available for office hours

3   The professor made sure to keep students engaged and not lose interest. The course was very challenging but the professor managed to make sure students weren't too lost.

4   The professor changed to an online lecture through Zoom.

5   Switched to Zoom

6   online lectures that were recorded for future reference.

7   He was already prepared for online classes beforehand, which was to record lectures and provide zoom lectures for us as well as being forgiving on due dates.

8   Moved everything online, he did a great job at this

9   lectured utilizing Zoom

10   zoom.

11   Record classes, scroll slowly during the page, nothing much changed

12   Live zoom sessions of lectures

Q: Focusing specifically on the online portion of the course, what worked well and what worked less well?

1	The zoom calls were only ok, could have been better with better network but I do not blame that to anyone
2	The zoom meetings worked well. Although I would say that more out of class material would have been nice. Office hours were excellent
3	The way the professor quickly adapted worked very well with the zoom sessions and recording them to post the videos.
4	The assignments and testing worked well, the online lecturing took a hit because of unstable connection and because it is harder to interact online than in the classroom.
5	The powerpoint lectures worked well, but coding with the professor was a little awkward
6	N/A
7	What worked well was providing recorded lecture and having much more lenient due dates for homework and tests
8	The recording of Zoom lectures was very helpful
9	I feel that with any coding class it is difficult to have lectures through Zoom since we have to have zoom open to watch what he is doing and then quickly apply it to our own code but I think it was the best we could do given the circumstances
10	.
11	Everything worked really well
12	The online lectures worked well, and he still made sure to stop and check that everyone was understanding the material

Supplemental Questions

Supplemental Questions

No Data.

COSC 120 Intro to COSC using Python, Whittier College F2017

Course Description:

Introduction to computer programming in a high-level language such as Python, emphasizing structured programming techniques, procedural methods and simple user-defined data structures.

Student Evaluation of Courses and Faculty
Fall 2017

CRN# = 90113   **Number Enrolled = 16**   **Percent Completing Evaluation = 100.0%**

Course Subject and # (e.g. INTD 150):   **Instructor:**

COSC 120 - Computer Science I   PARK, FREDRICK

Your year in college: Freshmen **(n=4)**   Sophomore **(n=4)**   Junior **(n=5)**   Senior **(n=2)**

Why did you take this course? (Check all that apply)

Lib. Ed. **(n=3)**   WSP requirement **(n=0)**   Major requirements **(n=10)**   Minor requirements **(n=0)**   Elective/Interest **(n=5)**

Student Self-Evaluation	N	Mean	SD	Disagree				Agree	N/A
1. I attended class regularly.	16	4.94	0.25	0	0	0	1	15	0
2. I was academically prepared to handle the materials.	16	4.38	0.89	0	1	1	5	9	0
3. I came prepared for each class session (.i.e. have read all course readings and completed assignments).	16	4.63	0.50	0	0	0	6	10	0
4. I actively participated in class discussions.	16	4.53	0.64	0	0	1	5	9	1
5. I attended scheduled office hours if I had questions about the course materials.	16	4.63	0.62	0	0	1	4	11	0
6. I tried to relate course material to other things I know and/or study.	16	4.88	0.34	0	0	0	2	14	0
7. I worked to my full potential in this course.	16	4.69	0.48	0	0	0	5	11	0
8. I was satisfied with my performance in this course.	16	4.75	0.45	0	0	0	4	12	0
9. I had a strong desire to take this course.	15	4.47	0.92	0	1	1	3	10	0
Course	**N**	**Mean**	**SD**	**Disagree**				**Agree**	**N/A**
10. This course had clear goals and objectives.	16	4.81	0.40	0	0	0	3	13	0
11. This course was academically challenging.	16	4.94	0.25	0	0	0	1	15	0
12. This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	16	4.69	0.60	0	0	1	3	12	0
13. This course had grading criteria that were clearly identified.	16	4.75	0.45	0	0	0	4	12	0
14. This course improved my understanding of the material.	16	4.81	0.54	0	0	1	1	14	0
15. This course increased my interest in the subject matter.	16	4.75	0.58	0	0	1	2	13	0
16. Overall, I would recommend this course to others.	16	4.63	0.81	0	1	0	3	12	0
Professor	**N**	**Mean**	**SD**	**Disagree**				**Agree**	**N/A**
17. The professor used class time effectively and demonstrated preparation for class.	16	4.81	0.54	0	0	1	1	14	0
18. The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	16	4.75	0.77	0	1	0	1	14	0
19. The professor was able to explain complicated ideas.	16	4.63	0.89	0	1	1	1	13	0
20. The professor challenged students to think critically and/or imaginatively about the course material.	16	4.81	0.54	0	0	1	1	14	0
21. The professor provided clear and timely feedback.	16	4.63	0.72	0	0	2	2	12	0
22. The professor encouraged meaningful class discussions.	16	4.75	0.58	0	0	1	2	13	0
23. The professor was receptive to differing views.	16	4.80	0.56	0	0	1	1	13	1
24. The professor was available for help outside of class.	16	4.75	0.58	0	0	1	2	13	0
25. Overall, I would recommend this professor to others.	16	4.75	0.58	0	0	1	2	13	0
Supplemental Questions	**N**	**Mean**	**SD**						**N/A**
26. Supplemental question 1	1	5.00	0.00	0	0	0	0	1	0
27. Supplemental question 2	0	0.00	0.00	0	0	0	0	0	0
28. Supplemental question 3	0	0.00	0.00	0	0	0	0	0	0
29. Supplemental question 4	0	0.00	0.00	0	0	0	0	0	0
30. Supplemental question 5	0	0.00	0.00	0	0	0	0	0	0

Section Means: Student = 4.65   Course = 4.77   Professor = 4.74

Camacho

COSC 220 Data Structures in C++, Whittier College Spring 2017

Course Description:

Computer programming emphasizing data structures, algorithms, pointers, and low-level interface. Pre-req: C- or higher in COSC 120.

Student Evaluation of Courses and Faculty
Spring 2017

CRN# = 20138 **Number Enrolled = 9** **Percent Completing Evaluation = 77.8%**

Course Subject and # (e.g. INTD 150): **Instructor:**

COSC 220 - Computer Science II PARK, FREDRICK

Your year in college: Freshmen **(n=0)** Sophomore **(n=2)** Junior **(n=0)** Senior **(n=4)**

Why did you take this course? (Check all that apply)

Lib. Ed. **(n=0)** WSP requirement **(n=0)** Major requirements **(n=1)** Minor requirements **(n=1)** Elective/Interest **(n=2)**

Student Self-Evaluation	N	Mean	SD	Disagree				Agree	N/A
1. I attended class regularly.	7	4.71	0.76	0	0	1	0	6	0
2. I was academically prepared to handle the materials.	7	4.71	0.49	0	0	0	2	5	0
3. I came prepared for each class session (.i.e. have read all course readings and completed assignments).	7	4.43	0.79	0	0	1	2	4	0
4. I actively participated in class discussions.	7	4.71	0.76	0	0	1	0	6	0
5. I attended scheduled office hours if I had questions about the course materials.	7	4.86	0.38	0	0	0	1	6	0
6. I tried to relate course material to other things I know and/or study.	7	5.00	0.00	0	0	0	0	7	0
7. I worked to my full potential in this course.	7	5.00	0.00	0	0	0	0	7	0
8. I was satisfied with my performance in this course.	7	4.86	0.38	0	0	0	1	6	0
9. I had a strong desire to take this course.	7	5.00	0.00	0	0	0	0	7	0

Course	N	Mean	SD	Disagree				Agree	N/A
10. This course had clear goals and objectives.	7	5.00	0.00	0	0	0	0	7	0
11. This course was academically challenging.	7	5.00	0.00	0	0	0	0	7	0
12. This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	7	4.71	0.76	0	0	1	0	6	0
13. This course had grading criteria that were clearly identified.	7	4.57	0.79	0	0	1	1	5	0
14. This course improved my understanding of the material.	7	5.00	0.00	0	0	0	0	7	0
15. This course increased my interest in the subject matter.	7	5.00	0.00	0	0	0	0	7	0
16. Overall, I would recommend this course to others.	7	4.86	0.38	0	0	0	1	6	0

Professor	N	Mean	SD	Disagree				Agree	N/A
17. The professor used class time effectively and demonstrated preparation for class.	7	4.57	1.13	0	1	0	0	6	0
18. The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	7	4.57	1.13	0	1	0	0	6	0
19. The professor was able to explain complicated ideas.	7	4.43	1.51	1	0	0	0	6	0
20. The professor challenged students to think critically and/or imaginatively about the course material.	7	4.71	0.76	0	0	1	0	6	0
21. The professor provided clear and timely feedback.	6	5.00	0.00	0	0	0	0	6	0
22. The professor encouraged meaningful class discussions.	7	4.71	0.76	0	0	1	0	6	0
23. The professor was receptive to differing views.	7	5.00	0.00	0	0	0	0	6	1
24. The professor was available for help outside of class.	7	4.57	0.79	0	0	1	1	5	0
25. Overall, I would recommend this professor to others.	6	4.33	1.63	1	0	0	0	5	0

Supplemental Questions	N	Mean	SD						N/A
26. Supplemental question 1	0	0.00	0.00	0	0	0	0	0	0
27. Supplemental question 2	0	0.00	0.00	0	0	0	0	0	0
28. Supplemental question 3	0	0.00	0.00	0	0	0	0	0	0
29. Supplemental question 4	0	0.00	0.00	0	0	0	0	0	0
30. Supplemental question 5	0	0.00	0.00	0	0	0	0	0	0

Section Means: Student = 4.81 Course = 4.88 Professor = 4.58

Section 2: Calculus, Linear Algebra, and Differential Equations
Math 141: Calculus I, Whittier College, S2021
Math 141B: Calculus II, Whittier College, S2013
Math 241: Multivariable Calculus, Whittier College, F2019
Math 242: Linear Algebra and Applications, Whittier College, S2015
Math 345A: Ordinary Differential Equations, Whittier College, S2017

Math 141: Calculus I, Whittier College, S2021

Course Description:

This is a semester long first course in calculus. This is the first course in a unified course sequence in analytic geometry and calculus which progresses from functions of one real variable, their derivatives and integrals. Subsequent courses cover material through integration, multivariate calculus; topics from infinite series and differential equations. Prerequisite: 85 or sufficient score on Math Placement Exam. One semester, 4 credits each. Calculus is one of the most useful scientific and analytic tools with both broad and deep applications to numerous fields.

Calculus & Analytical Geo I (2021 Spring Semester)

Instructor: **Park, Fredrick**
Subject: **MATH**
Catalog & Section: **141 3**

Enrollment: **18**
Responses Incl Declines: **17**
Declines: **0**

Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	153	94.4%	4.3	4.4	5.0	5.0	1.0
Course	112	88.9%	4.6	4.4	5.0	5.0	0.7
Professor - Fredrick Park	144	88.9%	4.7	4.4	5.0	5.0	0.6

Demographics

Question	Number of Responses	Liberal Education	WSP requirement	Major requirement	Minor requirement	Elective/Interest
Why did you take this course? (Select primary reason.)	17	6%	0%	82%	6%	6%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	17	35%	35%	6%	24%	0%

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	17	94%	4.9	4.8
I was academically prepared to handle the material.	17	94%	4.5	4.4
I came prepared for each class session (i.e. have read all course readings and completed assignments).	17	94%	4.7	4.6
I actively participated in class discussions.	17	94%	3.8	4.1
I attended scheduled office hours if I had questions about the course material.	17	94%	3.6	4.1
I tried to relate course material to other things I know and/or study.	17	94%	4.3	4.4
I worked to my full potential in this course.	17	94%	4.4	4.6
I was satisfied with my performance in this course.	17	94%	4.5	4.3
I had a strong desire to take this course.	17	94%	4.1	3.9

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Course

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
This course had clear goals and objectives.	16	88%	4.8	4.6
This course was academically challenging.	16	88%	5.0	4.8
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	16	88%	4.8	4.5
This course had grading criteria that were clearly identified.	16	88%	4.9	4.5
This course improved my understanding of the material.	16	88%	4.6	4.4
This course increased my interest in the subject matter.	16	88%	4.1	3.9
Overall, I would recommend this course to others.	16	88%	4.4	4.3

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Professor - Fredrick Park

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
The professor used class time effectively and demonstrated preparation for class.	16	88%	5.0	4.5
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	16	88%	4.4	4.1
The professor was able to explain complicated ideas.	16	88%	4.5	4.3
The professor challenged students to think critically and/or imaginatively about the course material.	16	88%	4.8	4.5
The professor provided clear and timely feedback.	16	88%	4.8	4.5
The professor encouraged meaningful class discussions.	16	88%	4.6	4.3
The professor was receptive to differing views.	16	88%	4.5	4.5
The professor was available for help outside of class.	16	88%	5.0	4.8
Overall, I would recommend this professor to others.	16	88%	4.8	4.4

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

Open Ended Responses

Written Comments (102 comments)

Q: What useful feedback could you provide the professor of this course? (Please be specific.)

1   The structure of the course was amazing.

2   Explain certain key concepts in an easier manner in case students couldn't grasp them the first time.

3   I really appreciated that the notes were uploaded for easier access. It made it easier for me to pay attention to the lecture and take notes on the notes in case anything was not clear or I just needed to write out the thinking process.

4   I liked this course; it was more motivating that my other class. I understand the necessity of going quickly especially in a module course, but sometimes I wish that the explanation would go a little slower so that I have the time to understand it in real time. Prof. does a good job at being flexible and accommodating to students and providing changes in the methods he uses to teach (active learning, video lectures etc.)

5   I know that the module system is fast paced but maybe slowing down on the lectures/ making them shorter. I would also say to allow the students to try working out the problem with you, more student engagement.

6   Profesor Park did well.

7   Overall, I enjoyed this class and would like to thank you for incorporating all the material, assistance, and guidance in this course.

Your methods were very helpful and made learning math virtually very effective.

8   I liked your teaching methods. This is the reason why I took a class with you again.

9   I don't have much feedback to provide the nature of the course is pretty straight forward

10 I really appreciated how understanding you were when it came to due dates.

11 I thought Professor Park did a wonderful job teaching the course, my only problem was that he didn't take time to go over the small things and it became difficult to follow and that may have been only because he needed to get through the material because of our time constraint

12 Make the homework count more towards the overall course grade. I recommend 10% rather than just 5%.

13 The class was tough, but it was manageable

14 Please consider enabling chat between students one on one. Some teachers may think it encourages cheating and plagiarism however it actually encourages meaningful conversation and provides the opportunity to exchange contact information and build relationships. This is very hard to do during the pandemic and without the chat feature it's basically impossible to make any friends or meet anyone.

15 Some concepts were flown by expecting that everyone has already mastered it and knows it which is an assumption that can be costly for some.

16 N/A

17 I think that Professor Park is doing a great job teaching this course. While the material is rigorous, he is patient with his students and understood that some of us have other priorities which made completing assignments easier. I think he should just keep teaching the way he does.

Q: What were the best aspects of this course? (Please be specific.)

1   The best aspects of this course to me would be how well you relayed the information to us. I personally though that just listening to you explain the information so well was the best part.

2   The best aspects of the course were the after-class office hours that really helped me understand the material easier.

3   The alternating schedule of classes. Some days it was a live lecture other days it was a pre recorded lecture.

4   I really appreciate the large amount of review sessions we did before the midterm 2. I think sessions like that really help and that they improved my score. The test taking strategies also helped - because I didn't know that many strategies for math test taking.

5   I would say being able to redo my midterm corrections really helped me and I'm sure everyone else to do the best that we could.

6   The difficulty of the course maintained

7   The professor really works hard to provide value notes and lectures. He is very helpful and wants the best, which helps with learning this level of math.

8   The practice problems that we did in groups and in class.

9   I really appreciated the practice midterms we received and the HW helped me out a lot on the test

10 The practice exams really helped and gave a really good idea for what to expect on exams.

11 Professor Park's availability and willingness to help.

12 Office hours

13 The class was tough, but it was manageable

14 I loved when you would include active learning and we were able to talk to other students in the class.

15 Learning calculus!

16 N/A

17 I really appreciated that Professor Park gave more than a sufficient amount of outside resources such as office hours and practice exams. He really believed that his students could succeed even under unusual circumstances. The material was academically challenging and made passing exams feel more rewarding.

Q: What would you change about this course? (Please be specific.)

1   Nothing

2   I would change the length of the course because I think it would have been a better time if I took this course during the regular system instead of the module system.

3   I would add handwritten lecture notes for the prerecorded lectures it helps me process the information better.

4   I wouldn't make getting repl.it or pycharm sound so required. While it is useful and I did use it a couple of times - I don't think it's very required as Prof. Park actually does the demos in class. It also adds to the amount of passwords and usernames we need to keep track of for this class because you also need to create an account for adobe scan.

5   I would've liked having three days of pre-recorded lectures just because of my personal schedule like other classes and work.

6   Class Engagement

7   It is difficult to condense into 7 weeks. Other than that, I wouldn't change anything.

8   Nothing, I liked it overall.

9   If the circumstances were different I would have liked to have slowed it down a bit, but I understand that was largely due to the pandemic

10   Maybe making homework a higher percentage of our grade

11   I would have preferred to not be in a module system I feel like I could've done better

12   Make the exams a little easier.

13   The class was tough, but it was manageable

14   more interactive classes and active learning because I don't like not being able to be social with others

15   Not so much emphasis on tests. I personally did not mind it better not everyone's strong suit is sitting down and taking it test so maybe if the emphasis wasn't on memorizing and more of applying the concepts and lectures for points I think would be better.

16   N/A

17   I would not change anything.

Q: Please evaluate your own performance in this course. That is, are you satisfied with your accomplishments in this course? If not, what should you have done differently to improve your performance and/or comprehension of the course material.

1   I am overly satisfied with my performance in the class. I am satisfied because I had the motivation to really study and understand this course in the best way possible because I really liked this course

2   I am not satisfied with my performance because I believe if I had a bit more time in this course I would have understood a lot of the key concepts faster and easier. I would have studied more and practice more on my trigonometry.

3   I was satisfied with my performance in the later course, this was my first college level math course and it took me some trial and error to get study habits right.

4   There's always room for improvement, but I am pretty satisfied with my performance in this course. I worked really hard and I feel like my grade reflects that hard work.

5   Yes I am fairly happy with where my grade is at, it was a hard course and with everything I had going on I am happy with my grade

6   3/4

7   I am satisfied with my performance, as I worked hard and went to office hours to be a successful student in this course. I made an effort to be in class everyday and turned in all the necessary material on time.

8   yes, i am.

9   I thought I did fairly well it was easier than I remember in high school, but still very challenging.

10   I really struggled in the beginning of this course but with midterm #2 and how Professor Park prepared us for it, I was able to really turn my grade around in the class.

11   I am satisfied with my performance/accomplishments in this course

12   I satisfied with my performance as I normally struggle in math classes, but the professor was very helpful and generous when it came to learning the course material.

13   The class was tough, but it was manageable

14   I am very satisfied with my overall performance. In the beginning I was convinced I was going to flunk out of this class but I really surprised myself when I pushed myself to work to my full potential.

15   I think I did the best that I really could have done given that the class was only 7 weeks long and at the same time I was taking another very demanding course.

16   N/A

17   I think that I performed fairly well in this course. i definitely did better than I had originally anticipated. If I could change my experience however, I do regret not asking questions and not keeping up with some prerecorded lectures on certain days but even with those drawbacks, I think I was able to understand the material well.

Q: Please comment on your experiences with the remote delivery of this course. What suggestions do you have for improvement?

1 Although it is not ideal, I think that the remote delivery of this course was excellent.

2 I neither enjoy nor disliked the course because of the fact that it was online and it was compressed into 8 weeks.

3 I think the remote learning experience was successful.

4 Although remote learning for math is never ideal, the remote learning for this class was pretty good - esp. for math. Screen sharing from the camera really helped learning and it has gone better than some of my other courses.

5 More student engagment.

6 The profesor did well.

7 The Professor really made the remote delivery of this course very effective. Learning math online is difficult for me, but his methods were helpful.

8 none, i liked it the way it is.

9 I think it definitely made the course more difficult, but professor Park did a good job accommodating us students

10 More opportunities to participate would be helpful because I struggled trying to pay attention at times.

11 I think Professor Park did a good job of adapting, he was flexible with deadlines to accommodate us and he recorded all the lectures so we could go back and rewatch in case we needed it.

12 N/A

13 The class was tough, but it was manageable

14 As I said prior, PLEASE consider enabling the full chat feature! It is very hard to communicate with others and make friends when chat is disabled :(

15 It really couldn't have been better.

16 N/A

17 I really appreciated that there were days during the week that were not live and prerecorded. It provided the opportunity to work around my busy schedule.

Q: How has the modular schedule shaped your experience and/or expectations of this course?

1 I feel that this module course exceeded my expectations. Thank You!

2 It has made my experience really stressful especially when it came close to finals because I had other tests to do that was on the same day.

3 I knew that this course was going to go by quick so it did not really change my expectations.

4 Sometimes I like the module system but when it comes to math I really would prefer semesters. I don't really enjoy the how bunched up the module system makes midterms and finals - I had my first midterm 2 weeks after class started. Also for math, it's something that builds up so if we had more time to learn, practice and let the information sink in, I feel like I would do better in the class. With more difficult classes that benefit with more time, like math, module system isn't that good.

5 NA

6 Unorganized

7 It has made me realize that learning material in 7 weeks is extremely difficult and requires a lot of self-discipline, time management, and commitment.

8 well I was on maximium overdrive mode but its a module system and it was expected.

9 It was hard and fast, but I passed so I can't complain too much

10 I knew it would be very hard, but after taking this class I know now to never underestimate a course.

11 I did not enjoy this class in the module schedule, it was way too fast and it's not easy to understand this material in this format

12 I liked the module system as it allowed more individual time for each class.

13 The class was tough, but it was manageable

14 I love the modular system! It has allowed me to take three math classes in one semester's time where as in the semester schedule that would have taken me three semesters to get through! Keep the module system and maybe considering some semester length classes for the more rigorous courses such as engineering and nursing major required classes.

15 It was extremely fast. I did not expect it to be that fast paced but had to make adjustments accordingly.

16 N/A

17 With the modular system being shorter, the material was given at a faster rate and there is a lot of material in this particular course. It was noted from the beginning that the course was going to be rigorous which made me expect a high level of difficulty.

Supplemental Questions

Supplemental Questions

No Data.

Math 141B: Calculus II, Whittier College, S2013

Course Description:

This is a semester long second course in calculus. This is the second course in a unified course sequence in analytic geometry and calculus which progresses from functions of one real variable, their derivatives and integrals. This course covers material through integration, topics from infinite series and differential equations. Prerequisite: 141A or sufficient score on Math Placement Exam. One semester, 4 credits each. Calculus is one of the most useful scientific and analytic tools with both broad and deep applications to numerous fields.

Table 4: Math 141B, Spring 2013, 16 Students

Evaluation Questions	Average Response
I. Student Self-Evaluation	
1. I attended class regularly.	4.92
2. I was academically prepared to handle the material.	4.23
3. I came prepared for each class session (i.e. have read all course readings and completed assignments).	4.15
4. I actively participated in class discussions.	4.25
5. I attended scheduled office hours if I had questions about the course materials.	3.62
6. I tried to relate course material to other things I know and/or study.	4.50
7. I worked to my full potential in this course.	4.23
8. I was satisfied with my performance in this course.	3.54
9. I had a strong desire to take this course.	4.46
II. Course	
10. This course had clear goals and objectives.	4.77
11. This course was academically challenging.	5.00
12. This course offered useful learning tools.	4.38
13. This course had grading criteria that were clearly identified.	4.69
14. This course improved my understanding of the material.	4.38
15. This course increased my interest in the subject matter.	4.62
16. Overall, I would recommend this course to others.	4.46
III. Professor	
17. The professor used class time effectively and demonstrated preparation for class.	4.92
18. The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	4.92
19. The professor was able to explain complicated ideas.	4.23
20. The professor challenged students to think critically and/or imaginatively about the course material.	5.00
21. The professor provided clear and timely feedback.	4.23
22. The professor encouraged meaningful class discussions.	4.75
23. The professor was receptive to differing views.	4.00
24. The professor was available for help outside of class.	4.54
25. Overall, I would recommend this professor to others.	4.77

Math 241: Multivariable Calculus, Whittier College, F2019

Course Description:

This is a semester long course in multivariable calculus. Continuation of 141 A, B. This is the
third course in a unified course sequence in analytic geometry and calculus which progresses
from functions of one real variable, their derivatives and integrals to multivariable calculus.
Prerequisite: 141B. One semester, 4 credits each. Calculus is one of the most useful scientific
and analytic tools with both broad and deep applications to numerous fields.

Calculus & Analytic Geo. III (2019 Fall Semester)

Instructor: **Park, Fredrick**

Subject: **MATH**

Catalog & Section: **241 1**

Enrollment: **11**

Responses Incl Declines: **11**

Declines: **0**

Demographics

Question	Number of Responses	Liberal Education	WSP requirement	Major requirement	Minor requirement	Elective/Interest
Why did you take this course? (Select primary reason.)	11	0%	0%	100%	0%	0%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	11	9%	64%	18%	9%	0%

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	11	100%	4.9	4.7
I was academically prepared to handle the material.	10	90%	4.4	4.4
I came prepared for each class session (i.e. have read all course readings and completed assignments).	11	100%	4.7	4.6
I actively participated in class discussions.	11	100%	4.0	4.0
I attended scheduled office hours if I had questions about the course material.	11	100%	4.3	3.9
I tried to relate course material to other things I know and/or study.	11	100%	4.5	4.2
I worked to my full potential in this course.	11	100%	4.7	4.4
I was satisfied with my performance in this course.	11	100%	4.5	4.0
I had a strong desire to take this course.	11	100%	4.4	3.8

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Course

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
This course had clear goals and objectives.	11	100%	4.8	4.6
This course was academically challenging.	11	100%	5.0	4.6
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	11	100%	4.7	4.5
This course had grading criteria that were clearly identified.	11	100%	4.6	4.6
This course improved my understanding of the material.	11	100%	4.6	4.4
This course increased my interest in the subject matter.	11	100%	4.5	3.9
Overall, I would recommend this course to others.	11	100%	4.5	4.2

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Professor - Fredrick Park

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
The professor used class time effectively and demonstrated preparation for class.	11	100%	4.9	4.5
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	11	100%	4.6	4.2
The professor was able to explain complicated ideas.	11	100%	4.5	4.3
The professor challenged students to think critically and/or imaginatively about the course material.	11	100%	4.8	4.5
The professor provided clear and timely feedback.	11	100%	4.2	4.4
The professor encouraged meaningful class discussions.	11	100%	4.6	4.3
The professor was receptive to differing views.	11	100%	4.6	4.4
The professor was available for help outside of class.	11	100%	4.7	4.7
Overall, I would recommend this professor to others.	11	100%	4.8	4.4

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

Open Ended Responses

Written Comments (44 comments)

Q: What useful feedback could you provide the professor of this course? (Please be specific.)

1   I think he did very good as a teacher considering the class was very hard

2   Have more group work.

3   Challeneging as is and though fast, you learn a lot of useful information. I just wish the course was longer to cover more.

4   Check the class for understanding more often by having us work out problems on our own

5   None

6   n/a

7   I don't really have any feedback for the professor of this course.

8   The course was very very fast paced.

9   You said it as well as I could, it felt there just wasn't enough time to go over everything as deeply as we wanted. Perhaps going faster on some of the earlier concepts would help provide more time for the more complicated ideas later on

10	N/A
11	Thank you Dr. Park!

Q: What were the best aspects of this course? (Please be specific.)

1	the grading
2	The practice problems.
3	Lectures helped to understand the theorems and concepts.
4	The active learning
5	Professor was able to clearly explain concepts, made it easy for students to understand concepts intuitively. Great sense of humor, kept class interesting.
6	Challenging myself with the material and building g relationships with other classmates to prepare each other.
7	The best aspects of this course were that I was learning something new everyday.
8	Learned a lot of useful techniques however, mastered none.
9	The Homework assignments, these provided excellent practice and helped to expand the understanding of the material
10	The environment was very nice as it was personal and 1 to 1 rather than being in a bigger class
11	- Application of the material to real-life situations - MathLab

Q: What would you change about this course? (Please be specific.)

1	make it less intense! its so much material
2	I would have the course split in to to cover all of the material more thoroughly.
3	Just the time of the course, have it longer but its okay because only have the one semester to cover everything.
4	Less material! (cover more in calc 2)
5	None
6	I would slow it down a bit.
7	The one thing that I would change in the course is the pace of the course. It was a little too fast.
8	give it less material, maybe a fast introduction to basic vector computations and be on to the good stuff a week into the course.
9	I would introduce more assignments that helped to clarify particularly challenging concepts. Such as contour maps or triple integration
10	It should be longer as there is too much information to cover in detail
11	A lot of material over a short period of time.

Q: Please evaluate your own performance in this course. That is, are you satisfied with your accomplishments in this course? If not, what should you have done differently to improve your performance and/or comprehension of the course material.

1	I feel alright about it, i worked hard and got good grades so far but still dont completely get the material
2	Satisfied.
3	I tried my best and I am happy with any grade I get for this class. I would spend more time on the homework, but I didn't always have a chance to since I was working.
4	I was satisfied with my performance
5	yes
6	I am satisfied, I was focused and asked for help when I needed it.
7	I am satisfied with my performance in this course.
8	I am satisfied with my effort:result ratio.
9	I was satisfied with my performance in this course, especially after my previous attempt
10	I am relatively satisfied with the effort I put into this course

11 Overall, I am satisfied with my accomplishments in this course.

Supplemental Questions

Supplemental Questions
No Data.

Math 242: Linear Algebra and Applications, Whittier College, S2015

Course Description:

This is a semester long course in Matrices and determinants, Systems of Linear equations, Vector spaces, linear transformations, eigenvalues, First-order differential equations, second-order differential equations, systems of ordinary linear differential equations, Laplace transforms.
Pre-req: MATH 141B.

Student Evaluation of Courses and Faculty
Spring 2015

CRN# = 20154   **Number Enrolled = 21**   **Percent Completing Evaluation = 95.2%**

Course Subject and # (e.g. INTD 150):   **Instructor:**

MATH 242 - Introduction to Applied Elementary Linear Algebra   PARK, FREDRICK

Your year in college: Freshmen **(n=5)**   Sophomore **(n=10)**   Junior **(n=1)**   Senior **(n=0)**

Why did you take this course? (Check all that apply)

Lib. Ed. **(n=1)**   WSP requirement **(n=0)**   Major requirements **(n=16)**   Minor requirements **(n=1)**   Elective/Interest **(n=2)**

Student Self-Evaluation	N	Mean	SD	Disagree				Agree	N/A
1. I attended class regularly.	20	4.85	0.37	0	0	0	3	17	0
2. I was academically prepared to handle the materials.	20	4.55	0.60	0	0	1	7	12	0
3. I came prepared for each class session (.i.e. have read all course readings and completed assignments).	20	4.15	0.88	0	1	3	8	8	0
4. I actively participated in class discussions.	20	3.95	1.10	1	0	6	5	8	0
5. I attended scheduled office hours if I had questions about the course materials.	20	3.78	1.06	0	2	6	4	6	2
6. I tried to relate course material to other things I know and/or study.	20	4.30	0.80	0	0	4	6	10	0
7. I worked to my full potential in this course.	20	4.40	0.68	0	0	2	8	10	0
8. I was satisfied with my performance in this course.	20	4.15	0.88	0	1	3	8	8	0
9. I had a strong desire to take this course.	20	4.30	0.80	0	0	4	6	10	0
Course	**N**	**Mean**	**SD**	**Disagree**				**Agree**	**N/A**
10. This course had clear goals and objectives.	20	4.85	0.37	0	0	0	3	17	0
11. This course was academically challenging.	20	4.80	0.52	0	0	1	2	17	0
12. This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	20	4.75	0.55	0	0	1	3	16	0
13. This course had grading criteria that were clearly identified.	20	4.60	0.82	0	1	1	3	15	0
14. This course improved my understanding of the material.	20	4.85	0.37	0	0	0	3	17	0
15. This course increased my interest in the subject matter.	20	4.55	0.89	0	1	2	2	15	0
16. Overall, I would recommend this course to others.	20	4.50	1.05	1	0	2	2	15	0
Professor	**N**	**Mean**	**SD**	**Disagree**				**Agree**	**N/A**
17. The professor used class time effectively and demonstrated preparation for class.	20	4.85	0.37	0	0	0	3	17	0
18. The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	20	4.85	0.37	0	0	0	3	17	0
19. The professor was able to explain complicated ideas.	20	4.85	0.37	0	0	0	3	17	0
20. The professor challenged students to think critically and/or imaginatively about the course material.	20	5.00	0.00	0	0	0	0	20	0
21. The professor provided clear and timely feedback.	20	4.65	0.59	0	0	1	5	14	0
22. The professor encouraged meaningful class discussions.	20	4.80	0.52	0	0	1	2	17	0
23. The professor was receptive to differing views.	20	4.60	0.68	0	0	2	4	14	0
24. The professor was available for help outside of class.	20	5.00	0.00	0	0	0	0	20	0
25. Overall, I would recommend this professor to others.	19	4.79	0.54	0	0	1	2	16	0
Supplemental Questions	**N**	**Mean**	**SD**						**N/A**
26. Supplemental question 1	0	0.00	0.00	0	0	0	0	0	0
27. Supplemental question 2	0	0.00	0.00	0	0	0	0	0	0
28. Supplemental question 3	0	0.00	0.00	0	0	0	0	0	0
29. Supplemental question 4	0	0.00	0.00	0	0	0	0	0	0
30. Supplemental question 5	0	0.00	0.00	0	0	0	0	0	0

Section Means: Student = 4.27   Course = 4.70   Professor = 4.82

Math 345A: Ordinary Differential Equations, Whittier College, S2017

Course Description:

This is a semester long first course in the theory of first-and second-order ordinary differential equations including their series solutions, introduction to Laplace Transforms with applications, including the solutions of differential equations, systems of ordinary linear differential equations, introduction to Fourier Series and integrals with applications, difference equations, partial differential equations with applications, introduction to the boundary and initial value problems and their applications. Also other selected topics in ordinary and partial differential equations depending on the particular emphases of the students in the class. Pre-req: C- or better in 141B.

Student Evaluation of Courses and Faculty
Spring 2017

CRN# = 21217   **Number Enrolled = 19**   **Percent Completing Evaluation = 100.0%**

Course Subject and # (e.g. INTD 150):   **Instructor:**

MATH 345A - Differential Equations I   PARK, FREDRICK

Your year in college: Freshmen **(n=1)**   Sophomore **(n=9)**   Junior **(n=6)**   Senior **(n=3)**

Why did you take this course? (Check all that apply)

Lib. Ed. **(n=0)**   WSP requirement **(n=0)**   Major requirements **(n=16)**   Minor requirements **(n=4)**   Elective/Interest **(n=3)**

Student Self-Evaluation	N	Mean	SD	Disagree				Agree	N/A
1. I attended class regularly.	19	4.89	0.32	0	0	0	2	17	0
2. I was academically prepared to handle the materials.	19	4.53	0.77	0	0	3	3	13	0
3. I came prepared for each class session (.i.e. have read all course readings and completed assignments).	19	4.63	0.68	0	0	2	3	14	0
4. I actively participated in class discussions.	19	4.56	0.70	0	0	2	4	12	1
5. I attended scheduled office hours if I had questions about the course materials.	19	4.12	1.11	0	2	3	3	9	2
6. I tried to relate course material to other things I know and/or study.	19	4.74	0.45	0	0	0	5	14	0
7. I worked to my full potential in this course.	19	4.74	0.45	0	0	0	5	14	0
8. I was satisfied with my performance in this course.	19	4.58	0.96	1	0	0	4	14	0
9. I had a strong desire to take this course.	19	4.42	0.96	1	0	0	7	11	0
Course	N	Mean	SD	Disagree				Agree	N/A
10. This course had clear goals and objectives.	19	4.84	0.37	0	0	0	3	16	0
11. This course was academically challenging.	19	5.00	0.00	0	0	0	0	19	0
12. This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	19	4.79	0.54	0	0	1	2	16	0
13. This course had grading criteria that were clearly identified.	19	4.84	0.37	0	0	0	3	16	0
14. This course improved my understanding of the material.	19	4.79	0.42	0	0	0	4	15	0
15. This course increased my interest in the subject matter.	19	4.63	0.68	0	0	2	3	14	0
16. Overall, I would recommend this course to others.	19	4.58	0.77	0	1	0	5	13	0
Professor	N	Mean	SD	Disagree				Agree	N/A
17. The professor used class time effectively and demonstrated preparation for class.	19	4.79	0.54	0	0	1	2	16	0
18. The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	19	4.74	0.73	0	1	0	2	16	0
19. The professor was able to explain complicated ideas.	19	4.74	0.73	0	1	0	2	16	0
20. The professor challenged students to think critically and/or imaginatively about the course material.	19	5.00	0.00	0	0	0	0	18	1
21. The professor provided clear and timely feedback.	19	4.11	1.29	1	2	2	3	11	0
22. The professor encouraged meaningful class discussions.	19	4.83	0.38	0	0	0	3	15	1
23. The professor was receptive to differing views.	19	4.94	0.24	0	0	0	1	17	1
24. The professor was available for help outside of class.	19	4.63	0.83	0	1	1	2	15	0
25. Overall, I would recommend this professor to others.	19	4.68	0.95	1	0	0	2	16	0
Supplemental Questions	N	Mean	SD						N/A
26. Supplemental question 1	0	0.00	0.00	0	0	0	0	0	0
27. Supplemental question 2	0	0.00	0.00	0	0	0	0	0	0
28. Supplemental question 3	0	0.00	0.00	0	0	0	0	0	0
29. Supplemental question 4	0	0.00	0.00	0	0	0	0	0	0
30. Supplemental question 5	0	0.00	0.00	0	0	0	0	0	0

Section Means: Student = 4.57   Course = 4.78   Professor = 4.66

Section 3: Applied Math Major Courses
Math 354: Mathematical Modeling, Whittier College, F2019
Math 350: Numerical Methods Whittier College, F2016

Math 354: Mathematical Modeling, Whittier College, F2019

Course Description:

This is a semester long course in mathematical modeling. Topics covered include: population dynamics, traffic flow including traveling shock waves in this media, phase plane analysis, and the calculus of variations. Some applications in machine learning, mathematical image processing, and computer vision will also be covered. Prerequisite is completion of math 242 with a passing grade.

Mathematical Modeling (2019 Fall Semester)

Instructor: **Park, Fredrick**
Subject: **MATH**
Catalog & Section: **354 1**
Course ID: **91887**
Objectives:

Enrollment: **9**
Responses Incl Declines: **9**
Declines: **0**

Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Course Median	Dept. Median
I attended class regularly.	9	100%	5.0	4.7	5.0	5.0
I was academically prepared to handle the material.	9	100%	3.9	4.4	4.0	5.0
I came prepared for each class session (i.e. have read all course readings and completed assignments).	9	100%	4.2	4.6	4.0	5.0
I actively participated in class discussions.	9	100%	3.9	4.0	4.0	4.0
I attended scheduled office hours if I had questions about the course material.	9	100%	4.8	3.9	5.0	4.0
I tried to relate course material to other things I know and/or study.	9	100%	4.4	4.2	5.0	5.0
I worked to my full potential in this course.	9	100%	4.8	4.4	5.0	5.0
I was satisfied with my performance in this course.	9	100%	4.6	4.0	5.0	4.0
I had a strong desire to take this course.	9	100%	4.8	3.8	5.0	4.0

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

Course

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Course Median	Dept. Median
This course had clear goals and objectives.	9	100%	5.0	4.6	5.0	5.0
This course was academically challenging.	9	100%	5.0	4.6	5.0	5.0
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	9	100%	4.7	4.5	5.0	5.0
This course had grading criteria that were clearly identified.	9	100%	4.8	4.6	5.0	5.0
This course improved my understanding of the material.	9	100%	4.8	4.4	5.0	5.0
This course increased my interest in the subject matter.	9	100%	4.6	3.9	5.0	4.0
Overall, I would recommend this course to others.	9	100%	4.8	4.2	5.0	5.0

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

Professor - Fredrick Park

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean	Course Median	Dept. Median
The professor used class time effectively and demonstrated preparation for class.	9	100%	5.0	4.5	5.0	5.0
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	9	100%	4.3	4.2	5.0	5.0
The professor was able to explain complicated ideas.	9	100%	4.4	4.3	5.0	5.0
The professor challenged students to think critically and/or imaginatively about the course material.	9	100%	4.7	4.5	5.0	5.0
The professor provided clear and timely feedback.	9	100%	4.2	4.4	5.0	5.0
The professor encouraged meaningful class discussions.	9	100%	4.3	4.3	5.0	5.0
The professor was receptive to differing views.	9	100%	5.0	4.4	5.0	5.0
The professor was available for help outside of class.	9	100%	4.9	4.7	5.0	5.0
Overall, I would recommend this professor to others.	9	100%	4.6	4.4	5.0	5.0

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

Written Comments (36 comments)

Q: What useful feedback could you provide the professor of this course? (Please be specific.)

1 Probably one of my favorite math courses i have taken at whittier

2 n/a

3 I think that encouraging more group work would be helpful. Our class was small, and when the professor suggested working in groups people mostly kept to themselves as to not disrupt the quiet of the classroom. The students would benefit from putting their minds together, as this is complicated material.

4 Not sure if it was intentional or not but it would be useful to go over the material that will be on the test before the test. Although the midterm was not impossible, it would've helped my understanding a bit more.

5 Review material that is important for the course. Also, make Differential Equations a required pre-requisite for the class.

6 I know you said you were already slowing down the pace of this course, but I think it was still too fast. There were many instances where you'd be teaching a new concept and you'd ask if we knew a certain concept (i.e. from a past class). Numerous times, none of us said anything (and I'd like to believe we gave stares of confusion). If it's evident that the majority of the class is lost, then perhaps reviewing the concepts that are needed to understand the new concept might be helpful. Many times in these situations where you introduce something new, you mention something like "well you should know it, I would've made sure my students knew [this concept] when/if I taught that course" and it definitely makes me feel dumb and not want to ask any questions.

I was a bit disappointed with the slow turnaround for assignments and with the constant changing of plans for assignments. The plans for the final exam distribution and the returning of the midterm (and the 3rd homework assignment, too) bothered me. In regards to the exam, yes you were providing us with a better basis to start with, but also giving us less time. In regards to the homework, I needed to know whether I understood what I thought I understood or not so I can make corrections to my midterm.

7 Very interesting topics.

8 I feel that a lot of topics flew over my head. While I could see there results and survive the course, I feel that I did not really inderstand what was being taught in some cases. While it may be due to not remembering concepts or not being taught in the first place, I felt like I was not ready for some parts of the course. So maybe pointing students in the right directions and/or testing them in the topics at hand would help. I feel that expecting them to know some things is somewhat unrealistic; although I do not think that multiclass review would be necessary.

9 I enjoyed this course. Professor Park explained new concepts very well and was always available if a student needed help.

Q: What were the best aspects of this course? (Please be specific.)

1 computer vision

2 the homework assignments because they provided relevant practice and, when necessary, guided us through problems step-by-step

3 The professor was available outside of class, and helpful in answering questions. It was helpful to be able to view the applications by using MATLAB.

4   The professor has a dry sense of humor and it makes the class 10x better. Its always nice to have a good laugh in class.

5   We were able to apply the material to real situations.

6   The image processing stuff we did at the end of the semester was the only thing that really made sense while we were in class.

7   Application of math!!

8   Everything was amazing, especially the last few weeks where we got to witness computer vision stuff.

9   Very challenging. Assignments were interesting.

Q: What would you change about this course? (Please be specific.)

1   nothing

2   n/a

3   I would put more emphasis on group work. With the complicated material, I think working in groups is important. Speaking to someone on your level can help you understand the material better.

4   Nothing. The class is difficult! If anything has to be changed in this course its the way students think, everything is now applied mathematics, not theoretical.

5   Use more time on learning how to do the math.

6   Slow down the pace even more. Feature appropriate review of concepts that are needed to understand what you're introducing.

7   more time to cover concepts in detail

8   Add more days and add more office hours.

9   Textbook is a bit dated. Nothing else

Q: Please evaluate your own performance in this course. That is, are you satisfied with your accomplishments in this course? If not, what should you have done differently to improve your performance and/or comprehension of the course material.

1   I am very satisfied with my performance in the class

2   I am satisfied with my performance in this course

3   I am mostly satisfied with my performance. This class was tough for me, so I had to put a lot of effort in. However, I still had trouble. I attended office hours occasionally but should have attended more.

4   I did OK. I worked hard but I admit I didn't fully understand the material. In subjects like this, a semester isn't long enough.

5   I am satisfied, although I would have spent more time learning how to do the math.

6   I should have definitely asked more questions in class. And also gone to office hours earlier in the semester. The hours just didn't really work out with my schedule, so I was less inclined to make an appointment.

7   yes

8   I feel I did ok, I could have done better.

9   I am satisfied with what I've accomplished and would recommend this course.

Math 350: Numerical Methods Whittier College, F2016

Course Description:

This is a semester long course in Numerical Analysis. Description: The numerical solutions of non-linear equations, curve fitting, error estimation and analysis. We will also cover selected topics chosen from the following: numerical differentiation, numerical integration, solution of linear systems, solution of initial value problems i.e. numerical solution to ODE's, discrete least squares approximation, the discrete Fourier Transform. Prerequisite: "C-" grade or better in MATH 242 and MATH 345A or permission from the instructor.

Student Evaluation of Courses and Faculty

CRN# = 91218 **Number Enrolled = 12** **Percent Completing Evaluation = 91.7%**

Course Subject and # (e.g. INTD 150): **Instructor:**

MATH 350 - Numerical Analysis PARK, FREDRICK

Your year in college: Freshmen **(n=0)** Sophomore **(n=0)** Junior **(n=3)** Senior **(n=8)**

Why did you take this course? (Check all that apply)

Lib. Ed. **(n=0)** WSP requirement **(n=0)** Major requirements **(n=9)** Minor requirements **(n=3)** Elective/Interest **(n=1)**

Student Self-Evaluation	N	Mean	SD	Disagree				Agree	N/A
1. I attended class regularly.	11	4.91	0.30	0	0	0	1	10	0
2. I was academically prepared to handle the materials.	11	4.36	0.92	0	0	3	1	7	0
3. I came prepared for each class session (.i.e. have read all course readings and completed assignments).	11	4.27	1.01	0	1	1	3	6	0
4. I actively participated in class discussions.	11	4.45	1.04	0	1	1	1	8	0
5. I attended scheduled office hours if I had questions about the course materials.	11	4.09	1.22	0	2	1	2	6	0
6. I tried to relate course material to other things I know and/or study.	11	4.64	0.67	0	0	1	2	8	0
7. I worked to my full potential in this course.	11	4.55	0.52	0	0	0	5	6	0
8. I was satisfied with my performance in this course.	11	4.64	0.50	0	0	0	4	7	0
9. I had a strong desire to take this course.	11	4.45	0.82	0	0	2	2	7	0
Course	N	Mean	SD	Disagree				Agree	N/A
10. This course had clear goals and objectives.	11	4.36	0.67	0	0	1	5	5	0
11. This course was academically challenging.	11	4.91	0.30	0	0	0	1	10	0
12. This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	11	4.82	0.40	0	0	0	2	9	0
13. This course had grading criteria that were clearly identified.	11	4.82	0.40	0	0	0	2	9	0
14. This course improved my understanding of the material.	11	4.36	0.67	0	0	1	5	5	0
15. This course increased my interest in the subject matter.	11	4.27	0.79	0	0	2	4	5	0
16. Overall, I would recommend this course to others.	11	4.36	0.81	0	0	2	3	6	0
Professor	N	Mean	SD	Disagree				Agree	N/A
17. The professor used class time effectively and demonstrated preparation for class.	11	4.82	0.40	0	0	0	2	9	0
18. The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	11	5.00	0.00	0	0	0	0	11	0
19. The professor was able to explain complicated ideas.	11	5.00	0.00	0	0	0	0	11	0
20. The professor challenged students to think critically and/or imaginatively about the course material.	11	5.00	0.00	0	0	0	0	11	0
21. The professor provided clear and timely feedback.	11	3.45	1.21	0	3	3	2	3	0
22. The professor encouraged meaningful class discussions.	11	4.90	0.32	0	0	0	1	9	1
23. The professor was receptive to differing views.	11	4.89	0.33	0	0	0	1	8	2
24. The professor was available for help outside of class.	11	4.82	0.40	0	0	0	2	9	0
25. Overall, I would recommend this professor to others.	11	5.00	0.00	0	0	0	0	11	0
Supplemental Questions	N	Mean	SD						N/A
26. Supplemental question 1	0	0.00	0.00	0	0	0	0	0	0
27. Supplemental question 2	0	0.00	0.00	0	0	0	0	0	0
28. Supplemental question 3	0	0.00	0.00	0	0	0	0	0	0
29. Supplemental question 4	0	0.00	0.00	0	0	0	0	0	0
30. Supplemental question 5	0	0.00	0.00	0	0	0	0	0	0

Section Means: Student = 4.48 Course = 4.56 Professor = 4.76

Section 4: Merage School
Course Summaries: includes instructor and school averages
FIN 290: Programming and Data Analysis for Business (graduate), UCI Paul Merage School of Business, W2019 (First time course was offered at UCI)
FIN 290: Programming and Data Analysis for Business (graduate), UCI Paul Merage School of Business, W2023
MPAC 290: Advanced Analytics (graduate), UCI Paul Merage School of Business, S2020

Course Summaries: includes instructor and school averages

Faculty Name:	Fredrick Park	
Report Date:	7/7/2023	

Overall Response Rate

2022-2023 Self	**73.8%**	
2021-2022 Merage	**79.0%**	

Final Evaluation CTEF - Individual Instructor

Qtr	Prog	Course Number	Course Title	Course Type	Enroll	Resp. Rate	Overall Instructor	Overall Course	Meets Objective	Encourage Thought	Present Concepts	CTEF Composite	Course Challenge
W23	MFIN	290 A	PRGRAM & DTA ANLYT	E	54	81.0	3.96	3.94	3.96	3.99	3.94	19.79	2.41
SP23	MFIN	290 C	PRGRAM & DTA ANLYT	E	49	65.0	3.91	3.89	3.87	3.93	3.82	19.42	2.47
2022-2023 Personal Elective Average					**51**	**73.8**	**3.94**	**3.92**	**3.92**	**3.96**	**3.88**	**19.61**	**2.44**
2022-2023 FIN Elective Average					**49**	**82.9**	**3.86**	**3.82**	**3.88**	**3.90**	**3.82**	**19.28**	**2.07**
2022-2023 Personal Average					**51**	**73.8**	**3.94**	**3.92**	**3.92**	**3.96**	**3.88**	**19.61**	**2.44**
2022-2023 FIN Average					**59**	**83.3**	**3.82**	**3.78**	**3.87**	**3.87**	**3.79**	**19.13**	**2.09**
2022-2023 School Average					**60**	**82.1**	**3.78**	**3.72**	**3.84**	**3.85**	**3.75**	**18.94**	**1.95**
W22	MFIN	290 A	PRGRAM & DTA ANLYT	E	53	92.0	3.91	3.90	3.91	3.95	3.92	19.59	2.45
SP22	MFIN	290 B	PRGRAM & DTA ANLYT	E	49	89.0	3.81	3.80	3.83	3.86	3.80	19.10	2.50
2021-2022 Personal Elective Average					**51**	**91.2**	**3.86**	**3.85**	**3.87**	**3.91**	**3.86**	**19.35**	**2.48**
2021-2022 FIN Elective Average					**44**	**80.7**	**3.73**	**3.71**	**3.80**	**3.82**	**3.66**	**18.73**	**2.18**
2021-2022 Personal Average					**51**	**91.2**	**3.86**	**3.85**	**3.87**	**3.91**	**3.86**	**19.35**	**2.48**
2021-2022 FIN Average					**55**	**82.2**	**3.72**	**3.70**	**3.81**	**3.80**	**3.67**	**18.70**	**2.19**
2021-2022 School Average					**57**	**79.9**	**3.77**	**3.72**	**3.83**	**3.83**	**3.73**	**18.88**	**2.00**
SP21	MFIN	290 A	PRGRAM & DTA ANLYT	E	39	76.0	3.92	3.89	3.98	3.98	3.90	19.67	2.60
W21	MFIN	290 A	PRGRAM & DTA ANLYT	E	43	100.0	3.92	3.86	3.94	3.92	3.85	19.49	2.52
2020-2021 Personal Elective Average					**41**	**89.0**	**3.92**	**3.88**	**3.96**	**3.95**	**3.88**	**19.58**	**2.56**
2020-2021 FIN Elective Average					**44**	**79.4**	**3.73**	**3.70**	**3.81**	**3.82**	**3.70**	**18.76**	**2.36**
2020-2021 Personal Average					**41**	**89.0**	**3.92**	**3.88**	**3.96**	**3.95**	**3.88**	**19.58**	**2.56**
2020-2021 FIN Average					**53**	**80.2**	**3.73**	**3.70**	**3.83**	**3.83**	**3.70**	**18.79**	**2.36**
2020-2021 School Average					**52**	**80.4**	**3.74**	**3.70**	**3.82**	**3.83**	**3.73**	**18.82**	**2.18**
SP20	MPAC	290 B	ADV ANALYT ACCTG	E	66	87.9	3.86	3.81	3.90	3.93	3.80	19.30	2.89
W20	MFIN	290 A	PRGRAM & DTA ANLYT	E	38	97.4	3.83	3.79	3.91	3.91	3.79	19.23	2.65
2019-2020 Personal Elective Average					**52**	**91.3**	**3.85**	**3.80**	**3.91**	**3.92**	**3.80**	**19.27**	**2.77**
2019-2020 FIN Elective Average					**40**	**83.9**	**3.73**	**3.70**	**3.80**	**3.79**	**3.65**	**18.67**	**2.26**
2019-2020 Personal Average					**52**	**91.3**	**3.85**	**3.80**	**3.91**	**3.92**	**3.80**	**19.27**	**2.77**
2019-2020 FIN Average					**51**	**82.7**	**3.72**	**3.68**	**3.80**	**3.78**	**3.65**	**18.63**	**2.26**
2019-2020 School Average					**54**	**80.2**	**3.74**	**3.69**	**3.80**	**3.80**	**3.70**	**18.73**	**2.08**
W19	MFIN	290 A	PRGRAM & DTA ANLYT	E	46	100.0	3.98	3.97	3.98	3.99	3.97	19.89	2.52
2018-2019 Personal Elective Average					**46**	**100.0**	**3.98**	**3.97**	**3.98**	**3.99**	**3.97**	**19.89**	**2.52**
2018-2019 FIN Elective Average					**30**	**82.4**	**3.72**	**3.69**	**3.78**	**3.80**	**3.65**	**18.64**	**2.27**
2018-2019 Personal Average					**46**	**100.0**	**3.98**	**3.97**	**3.98**	**3.99**	**3.97**	**19.89**	**2.52**
2018-2019 FIN Average					**41**	**82.1**	**3.71**	**3.68**	**3.78**	**3.79**	**3.63**	**18.59**	**2.30**
2018-2019 School Average					**49**	**80.3**	**3.73**	**3.68**	**3.79**	**3.80**	**3.68**	**18.68**	**2.09**

Full Survey Text

Overall Instructor: "What overall grade would you give this instructor?"
Overall Course: "What overall grade would you give this course?"
Meets Objectives: "The course instructor meets stated objectives of the course."
Encourages Thought: "The course instructor encourages students to think in this course."
Present. Concepts: "The course instructor's presentations and explanations of concepts were clear."
Course Challenge: "How challenging was this course?"
CTEF Composite: "Sum of Overall Instructor + Overall Course + Meets Objectives + Encourages Thought + Present. Concepts"

* = Courses with response rates below 50% are excluded from overall and school averages.
 Per data availibility, cumulative reports may not include offsite and residential courses.

Generated by the Reporting and Analytics for Teaching Excellence (RATE) System.

Question or comments about this report? Contact Catalyst Support.

FIN 290: Programming and Data Analysis (graduate),
UCI Paul Merage School of Business, W2019
First time course was ever offered at UCI

Course Description:

This course is an introduction to programming and data analysis for business utilizing the Python programming language. Python is a high level general purpose language that is one of the most popular languages used in FinTech today. It is also hugely popular in data science and machine learning. Practical coding and data analysis is emphasized. The course begins with basic Python syntax and programming. It then moves on to computational problem solving techniques and data analysis using popular Python packages. The course culminates with machine learning by way of Python application tools. Skills obtained in this course can easily be transferred to other languages. No prior programming knowledge is required.

Final Evaluation (CTEF) Merage School for Park, Fredrick E FIN 290 LEC A (39960), Winter Qtr 2019

Responses: 46/46 (100%)

A. Please comment on the following areas and be as specific as possible:

1. What are the instructor's teaching strengths?

   - Clear and informative
   - Dr. Park cares about his students. He always replies question very quickly and listens to students concerns and make adjustments to the course as it goes.
   - Dr. Park cares about his students and always make adjustments to the course according to our concerns. He is very helpful with our homework questions and always answers my questions very quickly.
   - Excellent!
   - Excellent Teacher
   - explains every question, adapts course pace if students struggle, always available for questions outside class room
   - Friendly
   - Friendly and well-designed lecture
   - good.
   - Great
   - Great clear explanations.
   - he is really willing to help us (students) when we are stuck with our code
   - His passion clearly shines through. Dr. Park's focus on in-class examples and in-class work has been a great way to involve the class and keep us focused. I think Dr. Park has been a fantastic professor, but I do wish that his lectures were a bit more focused. It's a small quibble, though, and he's been a phenomenal professor.
   - I don't know where to begin with Dr. Park. He taught the best class I have taken at any level of education, which includes a dual-major UCLA undergrad, and graduate level courses at Virginia, San Francisco, and 7 quarters of UCI EMBA program. His strengths are his domain expertise in cutting edge technology. His ability to make to those topics accessible to students. His expectations for his students in belief in our ability to learn and keep up. His availability to students was out of this world.
   - Instructor has very deep knowledge in the subject.
   - One thing that make the professor stands out is the fact that he really wants the student to understand the materials and he is willing to help students as much as possible. He is very kind and he is willing to spend lots of time to help the students who are stuck with their code. Even though the homework are not easy, it is doable due to his effort in making sure all student understand. The professor is really knowledgable in what he teaches. The lecture is very organized. A great professor!
   - Passion!professional! best instructor I have even seen!
   - patient in explaining questions
   - Professor is nice and patient.
   - Strong logic and a great demonstration. Dr. Park really an awesome guy!!
   - The instructor is very passionate about computer science and really tries to help us understand the topic by offering supplemental lectures and hold extra office hours to fit our schedules. I really like how he took our concerns from our midterm evaluations seriously.
   - The lecture is a good organization. Professor Park is very patient and knowledgeable.

- The Professor is very knowledgeable. He explains the materials very well.
- Thoroughly understands subject material and very open to assisting students.
- Very enthusiastic about the material and hosts great office hours
- very good at python
- Very helpful, extremely kind, Profesoor Park is great
- Very knowledgeable about the coursework, and has an openness to him that helps students like me who were struggling with the material to learn it better
- very knowledgeable and smart
- Very patient and helpful
- Very patient and talent professor. Totally motivate our interest about python and programming. Always provide us positive feedback to courage us. Thanks for Professor Park, he is very nice and amazing professor.
- very thorough explanations of the python code
- Well prepared, good presentation, communicative, smart
- 13 blank answer(s).

2. How can this instructor improve as a teacher?

- - take it slowly and use less complex words
- Dr. Park can slow down his paste in class a little bit because the materials are very foreign to us.
- He can still slow down on his speaking becuase somtimes it is hard to follow him.
- He did his best and I really enjoy this class
- He is nice.
- I think Professor Park's way of teaching the material is great. The pace is what kind of threw me off during the course. It could've went a little slower.
- Just more focused lectures and a bit more time spend on machine learning and the advanced coding.
- more practice.
- More reviews in class.
- N/A
- N/A
- N/A. I think the professor did a very nice job answering everyone's questions whenever we needed help.
- none
- nope
- Nothing
- Nothing all perfect
- slow down the speed
- Slow the pace
- Such minor areas for improvement. Controlling the classroom a little better, though I don't know exactly how. Students work feverishly with peers for groups of time. Functionally, there tended to be lots of 'updates' to homework leading right up to deadlines and deadlines shifted, which could be hard to manage. He should also leverage the TA more to get software installed.
- Talk slower

- Teaching speed in the beginning was very fast. Sometimes switches topics quickly and students can get easily lost.
- This course was very challenging in the beginning. To go even slower, in the beginning, would help every student to get the concepts. Also, recording every session from the beginning will be a plus to review the course at home and to go over the heavier codes again.
- You are very great. Programming is my favorite course in this quarter. You are so patient and nice.
- 23 blank answer(s).

3. Any other comments about this course?

- For the material after midterm, maybe slow down a little bit because application is also the hard part.
- great for setting a foundation in Python
- Helpful, you learn a lot in the course.
- I believe this is a very important course. Taking in account that our group was mostly composed of Master of Finance student, and it's not a course for Quantitative finance, I would slightly modify it, though. 1. The main idea of using python for majority of jobs, that MFin student are geared for, is to use it as a replacement of financial calculators and even excel. 2. I would start teaching using Jupyter Notebook. It is easier to install and easier to use as an interpreter for student with no preliminary knowledge of programming. Slowly into the course, I would introduce Pycharm, giving students a chance to install it properly, so no time would be wasted. 3. I would put most accent to learning Pandas dataframes, because they are currently a fundamental part of any financial research and computations of time series, returns, fix income securities and so on. 4. Although data scraping is important, I believe that most of companies, where future MFin students will be working, have licensed data feeds, rendering data scraping from internet less needed. 5. Machine learning is a great part, however, it is very little time to go into the fundamentals (which takes a semester at Standford). I would go straight into the practical applications, using Pytorch or Tensorflow (Keras). Those student, who will eventually find themselves in position to use it, will go back to basics themselves. 6. Otherwise, it is a great course and I'm happy to have chosen it.
- I learned a lot about Python programming in this class and will continue to use the materials I learned in class in the future.
- I learned a lot in this course.
- I learned a lot in this course and have gained a better understanding of an important trade in the finance world!
- I like how the Professor included the recommendations from the mid-term evaluations
- I love programming! Hope you can teach us in the future. I really like this course. I learned a lot of things!
- I think it is better if the prof can teach more detail about the basic of python at the first few meeting of the class, because I feel like it is really important for us(student) to really master the basic before going into more difficult task.
- It is really interest and useful class, especially when the professor is so amazing
- It was very helpful how interactive the lectures were.
- love the professor!
- N/A
- No
- no
- None

- none

- nope

- The single best course I have taken at any level of education. It has made my otherwise lackluster EMBA experience (I graduate next quarter) a positive experience. Thank you.

- This course has been the best Python class I've ever had.

- This is totally a great course with a great instructor.

- Very interesting class

- very useful class

- 22 blank answer(s).

B. Please choose the appropriate rating on the letter grade scale A to F:

'A' indicating an excellent and 'F' indicating a wholly inadequate performance. If you have no opinion on the question asked or if it does not apply, please select NA.

4. The course instructor shows enthusiasm for and is interested in the subject.

43	A	Value: 4
1	A-	Value: 3.7
0	B+	Value: 3.3
1	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.97	Mean	
4.00	Median	
0.15	Std Dev	

5. The course instructor stimulates your interest in the subject.

40	A	Value: 4
2	A-	Value: 3.7
2	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.95	Mean	
4.00	Median	
0.16	Std Dev	

6. The course instructor meets stated objectives of the course.

41	A	Value: 4
3	A-	Value: 3.7
0	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.98	Mean	
4.00	Median	
0.08	Std Dev	

7. The course instructor is accessible and responsive.

44	A	Value: 4
0	A-	Value: 3.7
0	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
4.00	Mean	
4.00	Median	
0.00	Std Dev	

8. The course instructor creates an open and fair learning environment.

42	A	Value: 4
2	A-	Value: 3.7
0	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.99	Mean	
4.00	Median	
0.06	Std Dev	

9. The course instructor encourages students to think in this course.

43	A	Value: 4
1	A-	Value: 3.7
0	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.99	Mean	
4.00	Median	
0.04	Std Dev	

10. The course instructor's presentations and explanations of concepts were clear.

39	A	Value: 4
5	A-	Value: 3.7
0	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.97	Mean	
4.00	Median	
0.10	Std Dev	

11. Assignments and exams covered important aspects of the course.

43	A	Value: 4
1	A-	Value: 3.7
0	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.99	Mean	
4.00	Median	
0.04	Std Dev	

12. What overall grade would you give this instructor?

41	A	Value: 4
3	A-	Value: 3.7
0	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.98	Mean	
4.00	Median	
0.08	Std Dev	

13. What overall grade would you give this course?

42	A	Value: 4
2	A-	Value: 3.7
1	B+	Value: 3.3
0	B	Value: 3
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2
0	C-	Value: 1.7
0	D	Value: 1
0	F	Value: 0
0	NA	No Value
3.97	Mean	
4.00	Median	
0.12	Std Dev	

C. Please answer:

14. Based on completed assignments thus far, what is your current course grade or approximate standing?

37	A	Value: 4
6	B	Value: 3
0	C	Value: 2
0	D	Value: 1
0	F	Value: 0
1	NA	No Value
3.86	Mean	
4.00	Median	
0.35	Std Dev	

15. How much academic dishonesty seemed to occur in this course? If applicable, please describe the type of academic dishonesty that occurred (not the particular students involved).

    1.

0	A lot	Value: 3
0	Some	Value: 2
1	A little	Value: 1
43	None I could discern	Value: 0
0.02	Mean	
0.00	Median	
0.15	Std Dev	

    2. Examples:

- 46 blank answer(s).

16. How helpful were the textbooks and/or readings to your overall learning experience?

15	Very	Value: 3
15	Adequately	Value: 2
9	Somewhat	Value: 1
4	Not at all	Value: 0
1.95	Mean	
2.00	Median	
0.96	Std Dev	

17. How challenging was this course?

26	Very	Value: 3
15	Adequately	Value: 2
3	Somewhat	Value: 1
0	Not at all	Value: 0
2.52	Mean	
3.00	Median	
0.62	Std Dev	

UCI

Evaluation Results

Generated by EEE+ Evaluations on 10/17/23 11:26AM

Park, Fredrick
FIN 290 LEC A: PRGRAM & DTA ANLYT (39960)

Instructor

Instructor Name: Park, Fredrick

Title: LECT-AY-1/9

UCI Email: fepark@uci.edu

Department: Paul Merage School of Business

Class

Term: Winter 2023

Section: FIN 290 LEC A: PRGRAM & DTA ANLYT (39960)

Enrollment Count: 54

Evaluation

Form: Merage Final Evaluation

Total Enrollment: 54

Total Responses: 44

Response Rate: 81%

Response Window: 3/5/23 9:00PM - 3/19/23 11:50PM

Evaluation Results

The data on these anonymous evaluations will be compiled and the information used for the instructor's merit and promotion cases, for departmental evaluations of the instructor's performance, and to improve this course.

A. Please comment on the following areas and be as specific as possible:

Question #1 • Text Response • 32 responses (73%)
What are the instructor's teaching strengths?

Results:

- Very skilled professional and professor in machine learning. Very quick with the application of the course but also ensures that his students are in synchronization with his teaching style. Highly recommend this course to anyone that wants to be pushed outside of their comfort zone with coding and machine learning. Professor Park has a knack for bringing students together and out of their comfort zone.
- I think professor Park explains the concept clearly. His class is one of the most interesting courses I've taken. I could tell that he really cares about his students.
- Ability to engage students: A skilled instructor who is good at solving problems can captivate their students' attention and inspire them to engage with the material.
- Was able to clearly and successfully teach huge amount of python in only 10 weeks. Very impressed
- The layout of each class is very clear and the professor is very easy to approach and accessible.
- Good communication and being considerate to students' need and thought.
- Lecture content is very clear, easy for students to understand.
- He teaches well. He emphasizes on core concepts in detailed.
- Have a great interest and passion for the courses he teach.
- Have a great interest and passion for the courses he teach.
- He gives alot of material that we can use.
- Very active and comprehensive and patient
- Provides scope to practice in class
- Everything related to programming.
- Apply the knowledge into practice
- give example and explain clearly
- very patients and professional
- knowledge, interesting class
- presentation, knowledgeable
- speaking clearly logically

Humble, great lecturing

- Explain in a clear way
- Strong Python skills
- practical skills
- Clear slides
- Friendly
- Patience
- patience
- Great
- clear
- Fast
- all

Question #2 • Text Response • 29 responses (66%)
How can this instructor improve as a teacher?

Results:

- He should consider that all students are not from Mathematics Background. It takes lot of time to understand the question than the actual coding. He should give more problems related to basic finance questions.
- Make lecture code and lecture slide on campus be more clear when accessing to make it clear what was taught that week and what each line of code means.
- He types way too fast for the students to keep up and needs to slow down a little bit. other than that he's good.
- The instructor can be more understanding that students don't know anything about programming before the class.
- It's hard to catch up on this challenging course, might need to slow down a bit .
- Slow down the lecture and spend a little more time explaining the code written.
- Slow down the lecture and spend a little more time explaining the code written.
- short homework problems to build interest in the student's mind.
- Explains some terms for python beginner would helps
- Professor is really caring and helps us a lot.
- Inorganize lecture topic -> more structurable
- practical and more details about the code.
- could talk slower to explain the concept
- go slower, he thinks too fast
- teaching speed is fast
- Basically nothing,
- no, all good.
- Excellent
- nothing
- 👍👍
- None
- null
- N/A

N/A

- n/a
- n/a
- Na
- Na
- no

Question #3 • Text Response • 29 responses (66%)
Any other comments about this course?

Results:

- 1. Maybe change course framework a little bit to match the program objectives. Since this programming course is not only cover the python theories but also it is deeply connected with finance, which means that python is a tool to assist finance decision-making. So, based on this situation, we may change the objectives of taking this course as well as the course structure.
  2. catch up course progress
- It would be better that the class can provide more topics through the 10 weeks even though the time might not be allowed.
- I feel that the difficulty of the course suddenly increases after the mid-term, and it is not easy to adapt.
- Hope professor Park could teach more advanced courses like machine learning.
- Maybe provide more recorded video for us to study some basic coding
- Professor is very knowledgeable and willing to help.
- Overall course it impactful and well designed.
- good but I don't understand thoroughly
- Really helpful and a lot information
- content is too much for 1 quater
- Homework is kind of tough
- It was a difficult class.
- Very good
- None
- None
- none
- null
- N/A
- N/A
- n/a
- n/a

NA

- Na
- No
- no
- no
- no
- /
- /

Please choose the appropriate rating on the letter grade scale A to F:

'A' indicating an excellent and 'F' indicating a wholly inadequate performance. If you have no opinion on the question asked or if it does not apply, please select NA.

Question #4 • Multiple Choice • 44 responses (100%)
The course instructor shows enthusiasm for and is interested in the subject.

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	42	95%
A- Answer value: 3.7	2	5%
B+ Answer value: 3.3	0	0%
B Answer value: 3	0	0%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.99   Min: 3.70
Median: 4.00   Max: 4.00
Standard deviation: 0.06   Mode: 4

Question #5 • Multiple Choice • 44 responses (100%)
The course instructor stimulates your interest in the subject.

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	38	86%
A- Answer value: 3.7	6	14%
B+ Answer value: 3.3	0	0%
B Answer value: 3	0	0%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.96   Min: 3.70
Median: 4.00   Max: 4.00
Standard deviation: 0.10   Mode: 4

Question #6 • Multiple Choice • 44 responses (100%)
The course instructor meets stated objectives of the course.

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	39	89%
A- Answer value: 3.7	4	9%
B+ Answer value: 3.3	1	2%
B Answer value: 3	0	0%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.96   Min: 3.30
Median: 4.00   Max: 4.00
Standard deviation: 0.13   Mode: 4

Question #7 • Multiple Choice • 44 responses (100%)
The course instructor is accessible and responsive.

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	41	93%
A- Answer value: 3.7	2	5%
B+ Answer value: 3.3	0	0%
B Answer value: 3	0	0%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	1	2%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.90   Min: 0.00
Median: 4.00   Max: 4.00
Standard deviation: 0.60   Mode: 4

Question #8 • Multiple Choice • 44 responses (100%)
The course instructor creates an open and fair learning environment.

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	42	95%
A- Answer value: 3.7	2	5%
B+ Answer value: 3.3	0	0%
B Answer value: 3	0	0%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.99   Min: 3.70
Median: 4.00   Max: 4.00
Standard deviation: 0.06   Mode: 4

Question #9 • Multiple Choice • 44 responses (100%)
The course instructor encourages students to think in this course.

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	42	95%
A- Answer value: 3.7	2	5%
B+ Answer value: 3.3	0	0%
B Answer value: 3	0	0%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.99   Min: 3.70
Median: 4.00   Max: 4.00
Standard deviation: 0.06   Mode: 4

Question #10 • Multiple Choice • 44 responses (100%)
The course instructor's presentations and explanations of concepts were clear.

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	37	84%
A- Answer value: 3.7	6	14%
B+ Answer value: 3.3	0	0%
B Answer value: 3	1	2%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.94   Min: 3.00
Median: 4.00   Max: 4.00
Standard deviation: 0.18   Mode: 4

Question #11 • Multiple Choice • 44 responses (100%)
Assignments and exams covered important aspects of the course.

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	39	89%
A- Answer value: 3.7	5	11%
B+ Answer value: 3.3	0	0%
B Answer value: 3	0	0%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.97   Min: 3.70
Median: 4.00   Max: 4.00
Standard deviation: 0.10   Mode: 4

Question #12 • Multiple Choice • 44 responses (100%)
What overall grade would you give this instructor?

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	39	89%
A- Answer value: 3.7	4	9%
B+ Answer value: 3.3	1	2%
B Answer value: 3	0	0%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.96   Min: 3.30
Median: 4.00   Max: 4.00
Standard deviation: 0.13   Mode: 4

Question #13 • Multiple Choice • 44 responses (100%)
What overall grade would you give this course?

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	37	84%
A- Answer value: 3.7	6	14%
B+ Answer value: 3.3	0	0%
B Answer value: 3	1	2%
B- Answer value: 2.7	0	0%
C+ Answer value: 2.3	0	0%
C Answer value: 2	0	0%
C- Answer value: 1.7	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	0	0%

Mean: 3.94   Min: 3.00
Median: 4.00   Max: 4.00
Standard deviation: 0.18   Mode: 4

C. Please answer:

Question #14 • Multiple Choice • 44 responses (100%)
Based on completed assignments thus far, what is your current course grade or approximate standing?

RESPONSE	COUNT	PERCENTAGE
A Answer value: 4	39	89%
B Answer value: 3	4	9%
C Answer value: 2	0	0%
D Answer value: 1	0	0%
F Answer value: 0	0	0%
N/A Answer value: None, not counted in stats	1	2%

Mean: 3.91   Min: 3.00
Median: 4.00   Max: 4.00
Standard deviation: 0.29   Mode: 4

Question #15 • Multiple Choice • 43 responses (98%)
How much academic dishonesty seemed to occur in this course? If applicable, please describe the type of academic dishonesty that occurred (not the particular students involved).

RESPONSE	COUNT	PERCENTAGE
A Lot Answer value: 3	2	5%
Some Value Answer value: 2	2	5%
A Little Value Answer value: 1	0	0%
None I Could Discern Answer value: 0	39	91%

Mean: 0.23   Min: 0.00
Median: 0.00   Max: 3.00
Standard deviation: 0.74   Mode: 0

Question #16 • Text Response • 7 responses (16%)
Examples

Results:

- None
- none
- N/A
- N/A
- NO
- Na
- no

Question #17 • Multiple Choice • 44 responses (100%)
How challenging was this course?

RESPONSE	COUNT	PERCENTAGE
Very Answer value: 3	23	52%
Adequately Answer value: 2	16	36%
Somewhat Answer value: 1	5	11%
Not At All Answer value: 0	0	0%

Mean: 2.41   Min: 1.00
Median: 3.00   Max: 3.00
Standard deviation: 0.68   Mode: 3

Question #18 • Multiple Choice • 43 responses (98%)
How helpful were the textbooks and/or readings to your overall learning experience?

RESPONSE	COUNT	PERCENTAGE
Very Answer value: 3	13	30%
Adequately Answer value: 2	17	40%
Somewhat Answer value: 1	6	14%
Not At All Answer value: 0	7	16%

Mean: 1.84   Min: 0.00

Median: 2.00   Max: 3.00

Standard deviation: 1.03   Mode: 2

MPAC 290: Advanced Analytics (graduate), UCI Paul Merage School of Business, S2020

Course Description:

This is a quarter long course in advanced data analytics. This course encompasses the following:

- Builds-On Foundation of Intro course and additive to Audit course (which runs concurrently). Intro course is very broad – this course allows for building deeper understanding of topics
- Hands-on – Makes use of case-studies and in-class activities
- Pragmatic with real world applications
- Accessible to students with a wide-range of analytics background. Focus is on building foundational data analytics skills.
- Build tangible skills in accounting context
    - Basic programming skills
    - Use of applications and tools e.g. database querying
    - Nuanced understanding of popular analytic models

Generated by EEE+ Evaluations Legacy Results Viewer on 10/29/21 2:23pm

Evaluation Results

Fredrick E Park
(Paul Merage School of Business, --, FEPARK)

Final Evaluation (CTEF) Merage School

Responses: 58 / 66 (87.88%)
Window: 5/24/20 9:00pm - 6/7/20 11:45pm
Assigned to: MPAC 290 LEC B: ADV ANALYT ACCTG (38960)
Term: Spring 2020

A. Please comment on the following areas and be as specific as possible:

What are the instructor's teaching strengths?

- Can every course about data analytics and coding in Merage be taught by this professor? He's incredibly good at coding and at teaching, because often, we'll have professors great at research but not very good at breaking it down and explaining things to their students. This professor happens to be great at both.

  Strengths:
  1. Navigating online teaching and still actually teaching its students how to code.
  2. Incredible patience in walking through code with students and explaining things multiple times without being frustrated.
  3. Being overall very encouraging when students were in despair because the course was that hard.

- Clear

- Clear explanations
  Adjust pace according to students' understanding on the materials

- Dr. Park is the definition was a wonderful professor. He clearly explains all the codes and answers all our questions. At the same time, he stimulates our brains by giving us examples to do during lectures.

  Dr. Park is more concerned about the students learning the materials and understanding the topics than staying on schedule. This is a big pro as a professor.

- Efficiency in class and sufficient knowledge for students

- Explains concepts clearly, challenges students to think, gives good examples in class, explains why we learning certain codes/concepts, engaging; listened to mid-semester feedback by going slower in class

- He explain concepts well and vividly.

- He has a really good grasp of the material he is teaching and understands that the subject is difficult for many people.

- He is capable and responsible.

- He is knowledgeable.

- He is such a great teacher! Takes time to go through the hard parts of the class and makes sure to answer everyones questions. He has been my favorite teacher of this program.

- He is very good at explaining programming especially for us where many don't have programming experience. He is also good at figuring out issues within the code very rapidly and seeing where students may have made a mistake.

- His class is very organized and there are lots of useful information in lecture.

This course was taught during the COVID-19 pandemic

- His passion for this subject

- How passionate he is with the subject

- Lecturer, technical skills

- Logical thinking is great and claiming the steps clearly.

- NA

- Offering a lot office hour

- Patient at teaching

- Professional and helpful

- Professor Park explained the materials well and really took time to help us understand both in class and outside of class.

- Professor Park is clearly passionate about data analytics and about teaching. I spent an absurd amount of time on homework in this class, but the material he covered was so relevant that I wouldn't have done it any other way.
  Park held office hours multiple times a week and really went above and beyond.

- Really communicative and helpful.

- Responsive and helpful. Professor Park really wants students to learn and understand the subject

- The best instructor I've seen in UCI! Very patient and his office hour is so helpful! Python opens a new world for me!

- The instructor is really nice and patient to answer all of our questions.
  Also, the instructor can be easily reached and accept our requirements for the courses. I think the instructor is really great and excellent in teaching this course.

- The professor did a fantastic job at adapting to the challenges of online teaching!

- Understanding and enthusiastic about the subject material.

- Very helpful and answers all questions, interactive lectures, great at teaching.

- Very knowledgeable

- Very patient.

- answers questions very quickly during the live zoom sessions

- engaging

- good interaction and clear course contents.

- is smart

- many examples are given to help us understanding the python

- responsible

- try his best to helo students

- try to solve everyone's problem.

- very clear presentation in lecture, abundant knowledge to share, help us to solve questions.

- 17 blank answers

How can this instructor improve as a teacher?

- A little bit slower

- Explain slower and clearer

- He could increase the amount of time allotted for understanding the various concepts that the course entails. Additionally, adding in more example based work and simplifying problems into individual ideas at a time may allow each concept to better be understood.

- I believe he could improve by involving more discussion on how these items might be used in Audit or Financial Accounting.

- I hope teaching speed can be lower a little bit. Hard to catch.

- Impossible. He is great. My only comment for the program is let him design the data analytics track. I would also request that a math course catered toward data analytics (calculus/ statistics) be offered in the winter quarter. Something that could help prepare us for this course so students can have a deeper understanding of the material covered.

- It is better if he teaches a little bit slower in class. Additionally, it is better if the assignment is more direct to what taught in class. The assignment we did is hard and cost a lot of time.

- Keep it simple. The whole how-it-works may be too intimidating to learn. Would recommend spending more time to teach and go over the codes instead of learning how it works behind the scene.

- Maybe he can slow down a little bit when lecturing.

- Maybe less homework assigned to us.

- Maybe slow down a bit

- More sample solutions of the assignments.

- N/A

- N/A

- NA

- NA

- NONE

- No

- No.

- None.

- Perhaps reevaluating the course objectives and not reaching for too much too fast. I know the professor had to cut a lot out of his initial plan for the course, so if he teaches this class in the future, maybe cutting down the material and spearheading it more will help! Also office hours are great, maybe holding them twice a week would really benefit future students. It would be helpful to also have a regular schedule for uploading lectures, assignments, and lecture slides (Professor is & busy sometimes forgets). The lecture slides towards the end of the course are largely conceptual, but it would be good to break down specific lines of code that you introduce that week in the lecture slides so we don't have to rewatch 3 hours of lecture to find that one time you talked about that one specific line of code.

- Thank you, Professor Park!

- The class jumped into explaining small concepts within coding. The big picture was not explained. I learn best when the big picture is explained first, then I can jump into the details.

- The course itself is very difficult, allowing group work at the end helped a lot. Grading is a little slow.

- When instructing beginners, he needs to manage his pace to teach.

- can give grades earlier. Slower pace will be better.

- can provide slides earlier

- don't make the homework and exams too hard (just examine if we understand the basic skill, since we're not CS student)

- go slower

- grade midterm relatively slow; he should get a gsi

- instructions on assignments and tests could be clearer
  his expectations for us were too high since this is most of our first times coding
  class was way too difficult/too technical

- n/a

- no

- no

- pretty good professor.

- slow down. some of us dont know jack shit. spend less time on easy stuff, more on harder stuff.

- slow the course down please. really hard to follow along in class and the pace a little too fast. also make it relevant to accounting. as of week 9 and no accounting topics have been covered only coding. the course is adv. data analytic in accounting, not just adv. data analytics.

- speak slowly

- try to slow down during the lecture, some time can not follow

- 19 blank answers

Any other comments about this course?

- Best course in the entire MPAc series hands down.

- Challenging for students who don't have a background in calculus/statistics

- Enjoyable overall.

- Good material and good lecturer. Will need to study very hard after class.

- Hands down best professor i've had. Amazing course.

- I think I learned things from this course, but I am not sure if I can apply what I learned effectively and quickly in my future career. I think maybe I still need to practice more in the real life.

- N/A

- N/A

- NA

- NA

- NA

- NA

- NONE

- No.

- None.

- Python is hard for me, but very very very useful. I love this course!

- Spreading this course over two quarters since there are too many materials in this course squeezing in one quarter.

- Such a good class.

- The class was extremely fast-paced, mainly due to the fact that there was a select group of students with prior experience with data analytics that made it hard to keep up with lectures. Even office hours were difficult to participate in, as I was expecting them to be more like Q&A sessions, but they were more like an extension of the regular lectures.

- This course is definitely the best course in the data analytics course. Honestly the other 2 classes were kind of a bust. A math class to give us a better understanding of the tools used in analytics would be very helpful. Parks seemed like the first teacher in the track that actually thought we could take on the material. Both other professors just taught us definitions, nothing actually useful.

- This course is very hard, but the instructor did very well

- This is a really great course and I think that students would benefit from this being a required course.

- This is a valuable class because it helps me to learn Python.

- This is a very interesting course, but it feels too rushed as it is difficult to process in such a short amount of time.

- This is one of the top challenging courses I have ever taken. This course requires long hours of work every week because the assignments are really challenging.

- Too hard for MPAC students. It is not for MSBA.

- Too much information for a short period of time

- Wonderful course, wonderful teacher. Keep doing this! And I think this course is very helpful for data track students.

- he's great overall!!

- n/a

- no

- no

- no

- no.

- none

- not sure how applicable this course material would be for auditors

- too hard

- too much new information every class and the hw is extremely challenging.

- very good

- 19 blank answers

B. Please choose the appropriate rating on the letter grade scale A to F:

The course instructor shows enthusiasm for and is interested in the subject.

52	A	Value: 4.0
3	A-	Value: 3.7
0	B+	Value: 3.3
1	B	Value: 3.0
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2.0
0	C-	Value: 1.7
0	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.97	Mean	
4.00	Median	
0.15	Std Dev	

The course instructor stimulates your interest in the subject.

47	A	Value: 4.0
5	A-	Value: 3.7
0	B+	Value: 3.3
2	B	Value: 3.0
0	B-	Value: 2.7
0	C+	Value: 2.3
1	C	Value: 2.0
0	C-	Value: 1.7
0	D	Value: 1.0
1	F	Value: 0.0
0	NA	No value
3.83	Mean	
4.00	Median	
0.61	Std Dev	

The course instructor meets stated objectives of the course.

47	A	Value: 4.0
5	A-	Value: 3.7
0	B+	Value: 3.3
4	B	Value: 3.0
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2.0
0	C-	Value: 1.7
0	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.90	Mean	
4.00	Median	
0.26	Std Dev	

The course instructor is accessible and responsive.

51	A	Value: 4.0
3	A-	Value: 3.7
1	B+	Value: 3.3
1	B	Value: 3.0
0	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2.0
0	C-	Value: 1.7
0	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.95	Mean	
4.00	Median	
0.17	Std Dev	

The course instructor creates an open and fair learning environment.

49	A	Value: 4.0
4	A-	Value: 3.7
1	B+	Value: 3.3
1	B	Value: 3.0
0	B-	Value: 2.7
1	C+	Value: 2.3
0	C	Value: 2.0
0	C-	Value: 1.7
0	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.92	Mean	
4.00	Median	
0.28	Std Dev	

The course instructor encourages students to think in this course.

51	A	Value: 4.0
2	A-	Value: 3.7
1	B+	Value: 3.3
1	B	Value: 3.0
0	B-	Value: 2.7
1	C+	Value: 2.3
0	C	Value: 2.0
0	C-	Value: 1.7
0	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.93	Mean	
4.00	Median	
0.28	Std Dev	

The course instructor's presentations and explanations of concepts were clear.

45	A	Value: 4.0
5	A-	Value: 3.7
2	B+	Value: 3.3
1	B	Value: 3.0
1	B-	Value: 2.7
0	C+	Value: 2.3
0	C	Value: 2.0
0	C-	Value: 1.7
2	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.80	Mean	
4.00	Median	
0.60	Std Dev	

Assignments and exams covered important aspects of the course.

46	A	Value: 4.0
6	A-	Value: 3.7
3	B+	Value: 3.3
0	B	Value: 3.0
0	B-	Value: 2.7
0	C+	Value: 2.3
1	C	Value: 2.0
0	C-	Value: 1.7
0	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.89	Mean	
4.00	Median	
0.31	Std Dev	

What overall grade would you give this instructor?

46	A	Value: 4.0
6	A-	Value: 3.7
0	B+	Value: 3.3
1	B	Value: 3.0
1	B-	Value: 2.7
1	C+	Value: 2.3
1	C	Value: 2.0
0	C-	Value: 1.7
0	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.86	Mean	
4.00	Median	
0.40	Std Dev	

What overall grade would you give this course?

45	A	Value: 4.0
6	A-	Value: 3.7
1	B+	Value: 3.3
1	B	Value: 3.0
0	B-	Value: 2.7
0	C+	Value: 2.3
1	C	Value: 2.0
1	C-	Value: 1.7
1	D	Value: 1.0
0	F	Value: 0.0
0	NA	No value
3.81	Mean	
4.00	Median	
0.57	Std Dev	

C. Please answer:

Based on completed assignments thus far, what is your current course grade or approximate standing?

47	A	Value: 4.0
7	B	Value: 3.0
0	C	Value: 2.0
0	D	Value: 1.0
0	F	Value: 0.0
1	NA	No value
3.87	Mean	
4.00	Median	
0.34	Std Dev	

1	A lot	Value: 3.0
1	Some	Value: 2.0
0	A little	Value: 1.0
54	None I could discern	Value: 0.0
0.09	Mean	
0.00	Median	
0.47	Std Dev	

Examples:

- I think mostly students would Google a lot when they encounter a problem they can't fix in their code, but since online doesn't really give you the exact code for the problem you're trying to solve, it's quite difficult to imagine people are cheating for this class.

- n/a

- 56 blank answers

How helpful were the textbooks and/or readings to your overall learning experience?

14	Very	Value: 3.0
16	Adequately	Value: 2.0
17	Somewhat	Value: 1.0
8	Not at all	Value: 0.0
1.65	Mean	
2.00	Median	
1.01	Std Dev	

How challenging was this course?

50	Very	Value: 3.0
6	Adequately	Value: 2.0
0	Somewhat	Value: 1.0
0	Not at all	Value: 0.0
2.89	Mean	
3.00	Median	
0.31	Std Dev	