GATOREVALS

Fall 2021 Individual Instructor Aggregated for CGN4905: Spec Prob Civil Engr;CGN6905: Special Problems (Xiang Yan)

Project Title: **University of Florida GatorEvals – Fall 2021**

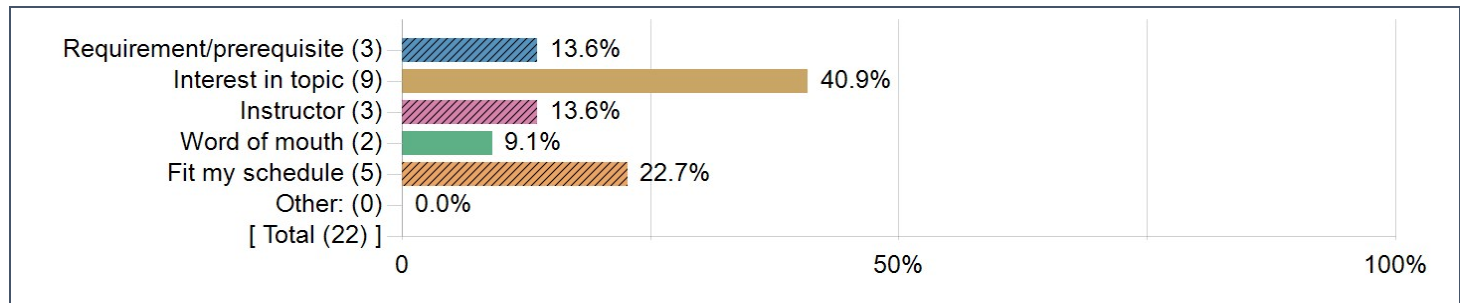|	
Courses Audience: **12**	Instructors Audience: **12**
Responses Received: **11**	Responses Received: **11**
Response Ratio: **91.7%**	Response Ratio: **91.7%**

Report Comments

INTRODUCTION

Teaching is a fundamental purpose of the University of Florida and the dissemination of new knowledge in our classrooms, studios, and clinics enables our students and trainees to fully explore their intellectual boundaries. Assessment and evaluation of our courses are designed to enhance instruction and maximize learning to meet the mission of the university. This report contains the results gathered through the new GatorEvals system. Students were invited to share their feedback on the teaching and course material. We invite every faculty member to examine the analysis in the report and utilize the resources provided in the report. Thank you for your continued great work!

Chris Hass, Ph.D.
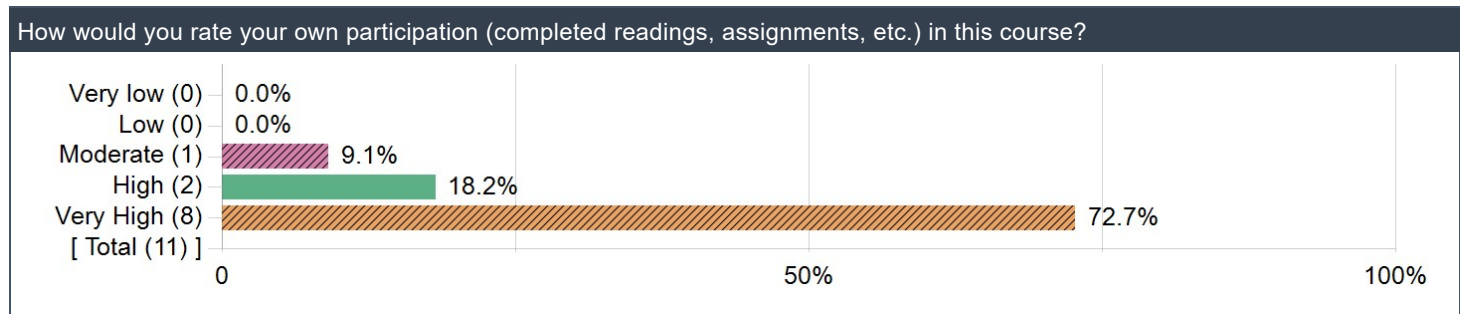Associate Provost for Academic and Faculty Affairs

Creation Date: **Thursday, December 23, 2021**

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Student Self-Evaluation Questions

Why did you take this course?

Why did you take this course?		
Requirement/prerequisite (3)		13.6%
Interest in topic (9)		40.9%
Instructor (3)		13.6%
Word of mouth (2)		9.1%
Fit my schedule (5)		22.7%
Other: (0)		0.0%
[Total (22)]		

How would you rate your own participation (completed readings, assignments, etc.) in this course?

How would you rate your own participation (completed readings, assignments, etc.) in this course?		
Very low (0)		0.0%
Low (0)		0.0%
Moderate (1)		9.1%
High (2)		18.2%
Very High (8)		72.7%
[Total (11)]		

Comparative Evaluation Results

University Core Instructor Evaluation Questions

The instructor was enthusiastic about the course.

	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	83.3%	5.00	5.00	N/A	N/A	4.56	4.76

The instructor explained material clearly and in a way that enhanced my understanding.

	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	83.3%	4.60	4.79	N/A	N/A	4.19	4.52

The instructor maintained clear standards for response and availability (e.g. turnaround time for email, office hours, etc.)

	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	83.3%	4.80	4.88	N/A	N/A	4.43	4.68

The instructor fostered a positive learning environment that engaged students.

	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	83.3%	4.70	4.88	N/A	N/A	4.36	4.64

The instructor provided prompt and meaningful feedback on my work and performance in the course.

	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	83.3%	4.60	4.79	N/A	N/A	4.11	4.50

The instructor was instrumental to my learning in the course.

	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	83.3%	4.80	4.88	N/A	N/A	4.13	4.52

Overall

	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	83.3%	4.75	-	N/A	-	4.30	-

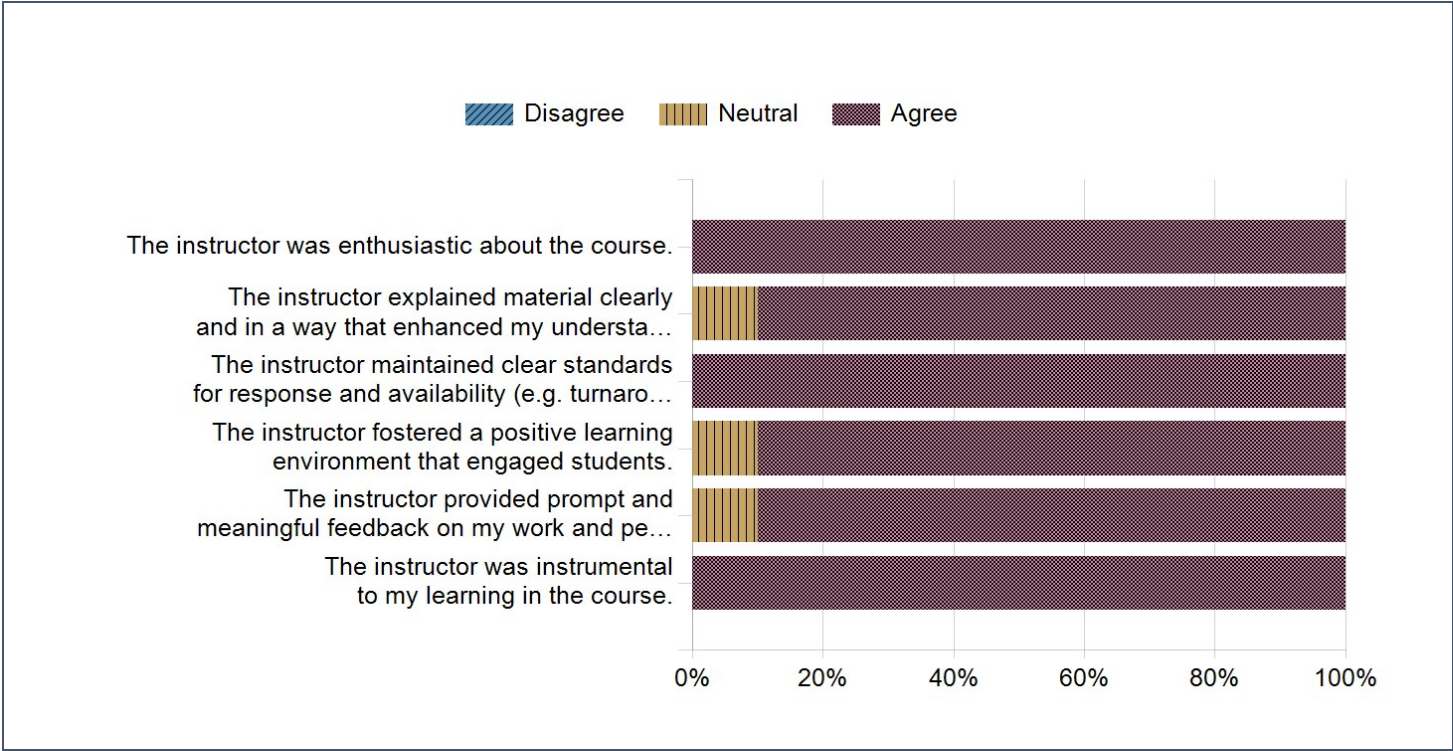## University Core Course Evaluation Questions

Course content (e.g., readings, activities, assignments) was relevant & useful.						
	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	91.7%	4.55	4.71	N/A	N/A	4.27	4.41

The course fostered regular interaction between student and instructor.						
	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	91.7%	4.45	4.58	N/A	N/A	3.97	4.15

Course activities and assignments improved my ability to analyze, solve problems, and/or think critically.						
	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	91.7%	4.55	4.71	N/A	N/A	4.24	4.43

Overall, this course was a valuable educational experience.						
	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	91.7%	4.73	4.89	N/A	N/A	4.25	4.46

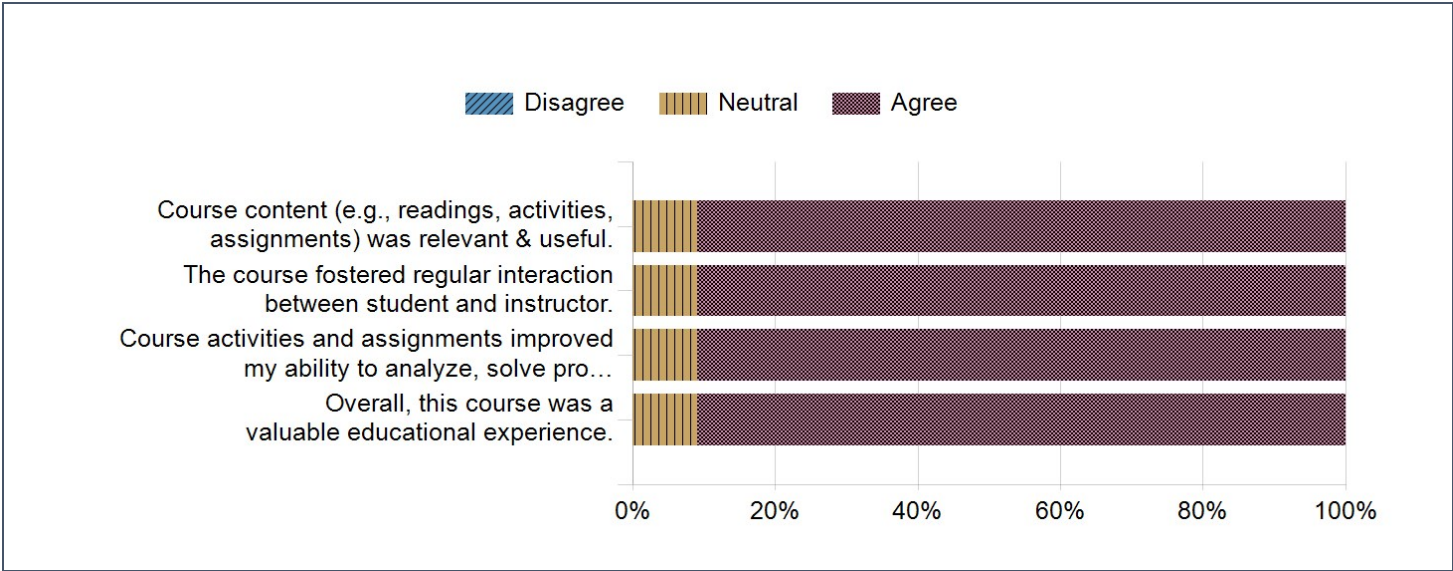| Overall						
	Response Rate	Mean	IM	DPT Mean	DPT IM	College Mean	College IM
Overall	91.7%	4.57	-	N/A	-	4.18	-

Aggregate Evaluation Results

University Core Instructor Evaluation Questions - Aggregate Chart

Note that in the following aggregate chart "Strongly Agree" and "Agree" have been grouped together as "Agree" while "Strongly Disagree" and "Disagree" have been grouped together as "Disagree".

University Core Course Evaluation Questions - Aggregate Chart

Note that in the following aggregate chart "Strongly Agree" and "Agree" have been grouped together as "Agree" while "Strongly Disagree" and "Disagree" have been grouped together as "Disagree".

Percentages Evaluation Results

University Core Instructor Evaluation Questions

	Strongly Disagree 1	Disagree 2	Neutral 3	Agree 4	Strongly Agree 5	Count	Mean	Median	SD
The instructor was enthusiastic about the course.	0.0%	0.0%	0.0%	0.0%	100.0%	10	5.00	5.00	0.00
The instructor explained material clearly and in a way that enhanced my understanding.	0.0%	0.0%	10.0%	20.0%	70.0%	10	4.60	5.00	0.70
The instructor maintained clear standards for response and availability (e.g. turnaround time for email, office hours, etc.)	0.0%	0.0%	0.0%	20.0%	80.0%	10	4.80	5.00	0.42
The instructor fostered a positive learning environment that engaged students.	0.0%	0.0%	10.0%	10.0%	80.0%	10	4.70	5.00	0.67
The instructor provided prompt and meaningful feedback on my work and performance in the course.	0.0%	0.0%	10.0%	20.0%	70.0%	10	4.60	5.00	0.70
The instructor was instrumental to my learning in the course.	0.0%	0.0%	0.0%	20.0%	80.0%	10	4.80	5.00	0.42

University Core Course Evaluation Questions

	Strongly Disagree 1	Disagree 2	Neutral 3	Agree 4	Strongly Agree 5	Count	Mean	Median	SD
Course content (e.g., readings, activities, assignments) was relevant & useful.	0.0%	0.0%	9.1%	27.3%	63.6%	11	4.55	5.00	0.69
The course fostered regular interaction between student and instructor.	0.0%	0.0%	9.1%	36.4%	54.5%	11	4.45	5.00	0.69
Course activities and assignments improved my ability to analyze, solve problems, and/or think critically.	0.0%	0.0%	9.1%	27.3%	63.6%	11	4.55	5.00	0.69
Overall, this course was a valuable educational experience.	0.0%	0.0%	9.1%	9.1%	81.8%	11	4.73	5.00	0.65

For additional information and resources in each of these question areas, please visit the GatorEvals Website at
https://gatorevals.aa.ufl.edu/resources--policies/question-set/

Free Response Section

Please identify the instructor's strengths that contributed to your learning in the course.

Comments
He has a good passion for teaching and for helping his students.
He gives great real life examples and fosters conversations in class.
Professor Yan has a wide range of knowledge, he could use simple examples to help us understand abstract concepts flexibly, and can always help solve the problems raised in class timely. The content covered in this course is of great help to my research, I am very grateful.
He was enthusiastic about the subject and wanted to see students succeed.
Dr. Yang's ability to work one on one with students and help group students with similar issues to improve their was great in our learning process.
Dr.Yan knows the subject and shares his expertise with others.
Prof.Yan is a very humorous and knowledgeable teacher. His lectures made me like programming more. Meanwhile, he can answer all of my questions about R. This helped me have huge progress.
Dr. Yan is great at fostering discussions on both the programming analysis and the applications of big data. This helps students see the "bigger picture" behind the concepts they use in the course.
He was a very caring and down to earth professor who worked with students. He made the material easy to understand and it's east to tell he really cares about this class and his work.

What additional constructive feedback can you offer the instructor that might help improve the course?

Comments
If there is similar course for other departments since this course is only designed for civil engineering students
Honestly the course was well done, I struggle a bit as it is structed for undergrad, masters, and Phd students to learn together and I am in undergrad.
I feel that the current course is already very good
If you want students to be more involved maybe you could try to make attendance mandatory on one of the 2 days a week.
I think more content on the use our skills in a real life situations would help.
None.
It's already perfect.
Including more Q&A when giving lectures using slides can help foster student engagement.

What constructive suggestion(s) do you have for improving the course materials, organization, and assignments?

Comments
If more modules were added it would be more interesting
The class slides were great. The only thing I would maybe improve on them is the amount of detail, especially for the more technical ones. I believe that the slides for the python class CGN3421 by Randy Switt are some of the best there are when it comes to similar classes. What I think the slides were missing were coding examples.
Please, use the first three weeks for learning R programming language basics.
It is possible that reducing the content and increasing the number of assignments will help us master what we have learned.
N/A

Please identify the topics and/or skills you learned in the course that you believe will have the highest application for future courses or professional growth.

Comments
I have got a good skill for big data management and manipulation.
We learned the use of diverse R packages, especially managing data through R and downloading and visualizing census data, which is very important for my research.
A lot about applied data science and R. Super useful for research and to show to potential employers.
Most modules were critical to building my coding skill but I feel the ones that contributed most were the lessons on Data Joins and Statistical Modeling as they could be applied to my current research.
R programming language.
The coding skills and the GIS are very useful.
Programming in R.
I learned not only how to use Rstudio but how to present my work in a formal way through the final project.