

SOI Report: Fall 2015

Charles O'Neill (AEM 614-001 Airfoil And Wing Theory)

Question	Num Resp	Resp Rate	Mean	Std Dev	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
The procedure for grading was fair.	10	83%	4.50	0.53					
The course was a valuable learning experience.	10	83%	4.20	0.79					
The instructor was...									
an effective communicator.	10	83%	4.00	1.15					
accessible to students outside of class.	10	83%	4.60	0.97					
well-prepared for class.	10	83%	4.70	0.48					

Question	Num Resp	Resp Rate	Mean	Std Dev	A	B	C	D	F	Other
What grade do you expect to receive in this course?	10	83%	4.44	0.73						

Question	Num Resp	Resp Rate	Mean	Std Dev	Excellent	Above average	Average	Below average	Failure
How would you rate this course?	10	83%	4.70	0.48					
How would you rate the instructor of this course?	10	83%	4.30	0.95					

Question	Num Resp	Resp Rate	Mean	Std Dev	Always	Usually	Often	Sometimes	Rarely
How frequently did you attend class?	10	83%	4.60	0.52					

Any additional comments about the instructor.

- + Very knowledgeable in the subject material, was capable of answering almost every question
- + Very helpful with assignments
- + Fair with due dates
- + Occasionally mixed things up in class (videos, props, software use, etc)

- Hard to find in office, especially near end of day.

Dr. O'Neill cares a lot about his students and is very accessible out of class. I can tell he really knows what he is talking about, and he has a very large skill set from his experiences. He is most certainly an asset to the Aerospace Department. With that being said, he is still a relatively new professor, and I think there is a little room for improvement on his lectures. Working more examples and putting a little more energy (as in a little less dry) into the lectures would likely be beneficial. Despite the slightly dry lectures, I would still rate Dr. O'Neill as one of the best professors in the department.

His figures that he brings to class are fantastic, I don't understand how he makes the drawings sometimes.

I understand that there is a lot of material to cover, but I wish I could take notes in the class rather than just listen to him point at some words on a sheet of paper. Wish we had in class examples that we actually had to work out.

But he knows his material and is always poised to answer any and all questions on the subject. Very knowledgeable and very good at explaining the concepts. Would take again with him.

I know you don't have much time to explain the basics about fluid in the class but I would like to explain the basics more or give some information about useful websites or books to learn the basics.

I like Dr. O'Neill's teaching style, and his use of real-world examples to demonstrate the practical applications of the material being taught.

Nice Person and nice instructor

Any additional comments about the course.

- + Required texts were useful
- + Course material was substantial, both in depth and scope
- + But it didn't go deeper than it needed
- + Course material was readily available on the Instructor's website
- + I wanted to go to class every day

- Lessons taught with MathCAD were not useful since I don't know MathCAD, nor was I expected to know it ahead of time

- Course was hard. I know at the 600 level it's supposed to be difficult, but some of the topics completely burned me. It's a shame that my favorite course this semester is the one in which I'll probably do the worst.

- I got lost in a lot of the math. Maybe that's just a me problem, but I didn't quite feel like it was appropriate to stop class just to ask: "what?"

Goes into great detail into how and why wings and tails are shaped the way they are.

Knowledge of Basic Aerodynamics should be a prerequisite for this course especially for students from other fields.

The course is very useful and should be offered more often. However, I think it could benefit with more hands on labs, demonstrations, etc.

This class was one of my favorites so far.