

University of Michigan  
 Winter 2020 Midterm Instructor Report With Comments  
 EECS 430 001 - CLIMATE 431 001 - SPACE 431 001  
 Jordan Budhu

17 out of 18 students responded to this midterm evaluation.

**Responses to questions related to the course:**

	SA	A	N	D	SD	N/A	Median
I had a strong desire to take this course. (Q4)	11	3	3	0	0	0	4.7
This course advanced my understanding of the subject matter. (Q1631)	8	6	2	0	0	1	4.5
My interest in the subject has increased because of this course. (Q1632)	6	7	2	0	0	1	4.3
I knew what was expected of me in this course. (Q1633)	9	7	0	1	0	0	4.6
Work requirements and grading system were clear from the beginning. (Q232)	9	4	2	1	0	0	4.6
I am learning a great deal in this course. (Q966)	8	8	1	0	0	0	4.4
The amount of work required so far appears to be appropriate for the credit being received. (Q971)	6	7	2	0	2	0	4.1

**Responses to questions related to the instructor:**

	SA	A	N	D	SD	N/A	Median
Jordan Budhu is enthusiastic. (Q114)	15	2	0	0	0	0	4.9
Overall, this is an excellent course. (Q964)	5	11	1	0	0	0	4.2
Overall, Jordan Budhu is an excellent teacher. (Q965)	11	5	1	0	0	0	4.7
Jordan Budhu gives clear explanations. (Q967)	8	7	1	0	0	0	4.5
Jordan Budhu acknowledges all questions insofar as possible. (Q968)	15	2	0	0	0	0	4.9
Jordan Budhu uses class time well. (Q969)	12	3	1	1	0	0	4.8
Jordan Budhu seems well-prepared for each class. (Q970)	13	3	1	0	0	0	4.8
Jordan Budhu uses techniques to foster class participation. (Q972)	7	6	3	1	0	0	4.3
Jordan Budhu is teaching in a manner that serves my needs as a student. (Q974)	6	8	3	0	0	0	4.2
Jordan Budhu is willing to meet and help students outside class. (Q975)	12	4	0	0	0	1	4.8
Jordan Budhu keeps students informed of their progress. (Q977)	8	9	0	0	0	0	4.4
Jordan Budhu sets high standards for students. (Q978)	9	7	1	0	0	0	4.6

## Written Comments

### What are the major strengths of this class? What is helping you to learn? (Q979)

Comments
The course notes are thorough and have been nice to refer to.
So far it is a good review of EECS 330. Everything is covered in a slightly different way, so you need to think to make the connections. There are some new concepts mixed in which is a good level of being the "next level"
Professor Budhu is the most enthusiastic professor I've ever had. The posted lecture notes are very detailed and give clear explanations. I have a more rigorous understanding of material I've seen in previous classes because Professor Budhu delivers lectures in a clear, understandable manner. The homework is challenging but has helped me build intuition.
Professor Budhu was willing to meet with students outside of normal office hours whenever he was available to do so. He is also very helpful in office hours and very knowledgeable on antennas.
I'm glad that the notes do relate to the homework.
lecture, homework, and labs help me to learn, with the most significant source listed first, least is last
The lecture notes are very helpful in keeping me up to speed with all of the material in the class. They are well written and very comprehensive of the material.
Professor Budhu is very knowledgeable and enthusiastic about the subject matter. His explanations are generally clear and he brings valuable perspective to the concepts discussed.
Professor Budhu is incredibly enthusiastic and visibly cares about teaching and our understanding of the material. The coursepack and lecture notes is a compilation of material from various textbooks and papers so the information is presented in multiple ways which is helpful. The lectures are very comprehensive and full of information and I make sure to attend every one. I have also had a lot of fun so far with our project, and Professor Budhu is always available to help whenever we have questions and takes a lot of time to meet with us to work through our project.
Giving a summary at the end of derivations or at the beginning of the class really helps me understand what's going on
a
I am just taking this class to see if the grass is greener on the other side, and it is. I mostly attribute that quality to Professor Budhu knowing his stuff and being close enough to when he was originally learning this material he knows where it can be confusing. Professor Budhu is also outgoing enough that we as students pay attention as he tries to help us avoid the confusion.
We also get the double trouble treatment with Professor Gilchrist, I think he certainly has the experience that Professor Budhu may be lacking in terms of project delivery knowledge,
Good, complete course notes.

### How can Jordan Budhu improve this class? If possible, give specific examples. (Q980)

Comments
Some of the derivations have been hard for me to follow, and a few of the homework problems have been a little confusing at times. I'm looking forward to the link design material we'll be covering soon.
Posting the lectures before lecture would be helpful, then we would know what we need to take notes on, and what is already provided. Also, posting the labs earlier. I have my lab on Friday, so I generally only have 2 days to do the pre-lab, while the Monday folks have 5 and office hours to work on the pre-lab. More time would relieve the stress involved and enable me to understand the lab better before going in.
It's hard to read the notes on the projector during lecture because the text is small. Sometimes lecture notes are taken directly from the textbook and read aloud in class. I'd rather do the reading on my own and see examples in lecture.
If there could be a few more examples in the notes that are maybe posted to look at outside of class, that might be helpful (I know there's no time in class to go through them, though, so these would just be supplemental).
N/A
It seems like sometimes we speed through somewhat difficult topics. The noise section, for example, was kind of hard to follow. It also consisted of a lot of new topics that I haven't been exposed to yet, so that might be why it was harder to take in, but it was hard to follow overall.
It would be helpful if Professor Budhu discussed new material a bit more slowly. Slightly less emphasis could be placed on background information on topics that are prerequisite to the course, leaving time to discuss more slowly the topics necessary for antenna design.
a
The thing I worry most about this class is that it gives me the false impression I am learning what industry values. But from experience this is a research driven university and what they want to pump out are people who go get a master's or PhD. What I find compelling about the MDE courses offered is that it is an opportunity to experience the other side of the coin and work on something not driven by theory, but on constraints in budget, time, and created value. Right now, it is not clear to me what the goal of this class is on this level. I cannot speak for my classmates and what they value from the course, but if I said one thing could be different it would be to make it more clear which type of information we are being taught, and maybe what your goal is for students who take this course (i.e. could get a job in antenna stuff and know whats going on. Or take a graduate course in antenna design and have intuition from physically playing around with them: I don't think the way one goes about doing these two things is the same).
Sometimes it seems like you're just trying to steam through the content and call it a day. Maybe there's so much content you have to cover in a given time period so there's no choice. If you do have a choice, something with less content and more time (less just doing algebra too) could help get the students in there and engaged too.

### Please enter any additional comments you have for Jordan Budhu. (Q981)

Comments
Amazing job! I think Professor Budhu is really passionate and clear during class. One of the top two professors I've had at this University and I'm glad I'm finishing my senior year with him.
I know you were thrown in late to teach this class, so some of the material feels like it was pieced together from previous classes. Overall though I think it is going well. Good job.
Professor Budhu is a great professor and provides so much energy and positivity to his lectures. Can't wait for the rest of the semester.
All students appreciative Jordan's enthusiasm for the material
I really enjoy his enthusiasm for what he is teaching. It makes the material a lot easier to learn and digest.
He is a great professor and very knowledgable about the course material.
He is awesome. When we found out a postdoc would be teaching this course, I was happy the class wasn't cancelled but was very skeptical of how it was going to go. I am happy to say that Professor Budhu is one of the best teachers I've had at Michigan and I am excited to see how our project and the rest of the class turns out.
a
Thanks for your enthusiasm.
I like the notes. Since we go so fast in class, being able to take my time alter is nice.