Instructor Evaluation for COMP 326 001 (11825) - DIGITAL LOGIC DESIGN

Term: Fall 2008
Course(s): COMP 326 001 (11825) - DIGITAL LOGIC DESIGN
Cross-list(s): ELEC 326 001 (10361)
Enrolled: 42
Instructor(s): Mohanram, Kartik

Student Numerical Responses

<table>
<thead>
<tr>
<th>Class Mean</th>
<th>Rice Mean</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.34</td>
<td>1.72</td>
<td>29</td>
</tr>
</tbody>
</table>

**Organization:** The instructor's preparation for class was:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outstanding</td>
<td>69%</td>
</tr>
<tr>
<td>Good</td>
<td>28%</td>
</tr>
<tr>
<td>Average</td>
<td>3%</td>
</tr>
<tr>
<td>Fair</td>
<td>0%</td>
</tr>
<tr>
<td>Poor</td>
<td>0%</td>
</tr>
</tbody>
</table>

Class Mean: 1.31 Rice Mean: 1.94
Responses: 29

**Presentation:** The instructor's presentation of the material was:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outstanding</td>
<td>89%</td>
</tr>
<tr>
<td>Good</td>
<td>31%</td>
</tr>
<tr>
<td>Average</td>
<td>0%</td>
</tr>
<tr>
<td>Fair</td>
<td>0%</td>
</tr>
<tr>
<td>Poor</td>
<td>0%</td>
</tr>
</tbody>
</table>

Class Mean: 1.24 Rice Mean: 1.96
Responses: 29

**Interaction:** The instructor's response to student questions and requests for help was:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outstanding</td>
<td>83%</td>
</tr>
<tr>
<td>Good</td>
<td>17%</td>
</tr>
<tr>
<td>Average</td>
<td>0%</td>
</tr>
<tr>
<td>Fair</td>
<td>0%</td>
</tr>
<tr>
<td>Poor</td>
<td>0%</td>
</tr>
</tbody>
</table>

Class Mean: 1.24 Rice Mean: 1.75
Responses: 29

**Classroom Atmosphere:** The atmosphere that the instructor created in the classroom relating to respect, support, clarity, and equitable treatment for all members was:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outstanding</td>
<td>76%</td>
</tr>
<tr>
<td>Good</td>
<td>24%</td>
</tr>
<tr>
<td>Average</td>
<td>0%</td>
</tr>
<tr>
<td>Fair</td>
<td>0%</td>
</tr>
<tr>
<td>Poor</td>
<td>0%</td>
</tr>
</tbody>
</table>

Class Mean: 1.17 Rice Mean: 1.94
Responses: 29

**Independence:** The instructor's ability to encourage and foster the development of independent thinking and/or creativity was:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outstanding</td>
<td>86%</td>
</tr>
<tr>
<td>Good</td>
<td>16%</td>
</tr>
<tr>
<td>Average</td>
<td>3%</td>
</tr>
<tr>
<td>Fair</td>
<td>0%</td>
</tr>
<tr>
<td>Poor</td>
<td>0%</td>
</tr>
</tbody>
</table>

Class Mean: 1.17 Rice Mean: 1.76
Responses: 29

**Stimulation:** The instructor's ability to stimulate intellectual curiosity was:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outstanding</td>
<td>78%</td>
</tr>
<tr>
<td>Good</td>
<td>17%</td>
</tr>
<tr>
<td>Average</td>
<td>3%</td>
</tr>
<tr>
<td>Fair</td>
<td>0%</td>
</tr>
<tr>
<td>Poor</td>
<td>0%</td>
</tr>
</tbody>
</table>

Class Mean: 1.24 Rice Mean: 1.94
Responses: 29
Instructor Evaluation for COMP 326 001 (11825) - DIGITAL LOGIC DESIGN

Term: Fall 2008
Course(s): COMP 326 001 (11825) - DIGITAL LOGIC DESIGN
Cross-list(s): ELEC 326 001 (10361)
Enrolled: 42
Instructor(s): Mohanram, Kartik

Student Numerical Responses

<table>
<thead>
<tr>
<th>Knowledge: The instructor's ability to inspire confidence in his/her knowledge of the subject was:</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Effectiveness: Overall, I feel that the instructor's effectiveness as a teacher was:</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsibility: The instructor attended class, was on time for class, and returned assignments in a reasonable time.</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>
Dr. Kartik is passionate about his subject and it shows in his lectures. He should work to developing his students understandings more through lecture as much as possible. He needs to give students an opportunity to study more example problems to prepare for tests.
(12/27/2008 04:12 P.M.)

Kartik presents material in ways that are straightforward and easy to understand. Lots of in-class examples help illustrate concepts. Required viva sessions with individual students are helpful, and it feels like he knows each of us individually.
(12/02/2008 10:12 A.M.)

Very high attendance class. One of the best taught classes I've ever taken given all the types of assignments that were challenging but manageable. Labs were very engaging in practical sense.
(12/05/2008 12:12 A.M.)

He was a great instructor who challenged my intelligence.
(12/26/2008 09:11 A.M.)

He was a great teacher and explained very well.
(11/28/2008 04:11 P.M.)

Dr. Mohanram is an amazing professor who is both knowledgeable and extremely good at simplifying complicated concepts.
(12/09/2008 06:12 A.M.)

The professor cared a lot about his students learning the material. He required self-scheduled vivas to stop by his office and clear up any concepts the students may be confused about.
(12/07/2008 03:12 P.M.)

Kartik is one of the best ELEC teachers I have had in Rice. He prepares enough materials for students online and in copies. But the key point is: he never use them directly in class. He uses BLACKBOARD! Which I think a wonderful teacher should do. Therefore students will be able to follow the flow of concepts development.
He also hold many help sessions and office hours in order to help students in learning the materials effectively.
(11/25/2008 05:11 P.M.)

He was always available to answer questions. Always knew how to elicit responses from the students to keep the class from getting boring.
(12/12/2008 04:12 P.M.)

Our professor is clearly knowledgable in Computer Engineering, and was able to give us test questions that challenged my abilities, and forced me to think in creative ways to find optimal solutions. The lectures from the board with separate Powerpoint notes were an interesting, if useful format. I learned a lot in this class.
(12/21/2008 12:12 A.M.)

Kartik has been one of my favorite professors thus far. He makes his subject as interesting as possible without loosing any quality point. Two thumbs up from me.
(12/13/2008 12:12 A.M.)

Dr. Mohanram made himself more available than any other professor I've had at Rice. Very helpful, very willing to teach and get to know each student through vivas and office hours, even in his busy schedule.
(12/07/2008 05:12 P.M.)

Mohanram impressed me because he taught completely off the board. He would lecture and write things down and draw diagrams and equations on the board. It really made the class more interesting because it wasn't a simple powerpoint. He was also incredibly open towards students and the vivas were a great chance to talk with the professor one on one.
(01/02/2009 12:01 P.M.)

Kartik is one of the BEST teacher I've had at Rice. He's very chill and enjoys teaching. He organizes his VIVA sessions which are one-on-one meeting with him in his office with the sole purpose to make sure that we're understanding the materials. He puts a lot of dedication into his teaching and I really respect him for it.

He never really explained how his grading works but that's because he's not the type of person who looks into grades at all. He sees grades as just some arbitrary method of ranking people that he has to do as a teacher but would rather not do if he could. He's more interested to see how you're understanding and how you're liking the subject.

Overall, a very dedicated teacher and an interesting course! He's also very funny.
(12/10/2008 12:12 A.M.)

Dr. Mohanram knows what he's doing, and the most important of all, he's very helpful.
(11/25/2008 12:11 P.M.)
Instructor Evaluation for COMP 326 001 (11825) - DIGITAL LOGIC DESIGN

Term: Fall 2008
Course(s): COMP 326 001 (11825) - DIGITAL LOGIC DESIGN
Cross-list(s): ELEC 326 001 (10361)
Enrolled: 42
Instructor(s): Mohanram, Kartik

Student Comments

The instructor for this course was one of the best professors I have had at Rice so far. He gave interesting lectures and made a real effort to meet with every student.
(11/29/2008 12:11 P.M.)

Kartik is awesome! He helps you out when you stop by his room and talk to him, he's really organized and explains concepts very well, he always has funny jokes to tell, and btw, he's a professor who really knows his stuff! he's young enough to remember slogging through boring professors as an undergrad, so he's the antithesis: he is an intelligent but mindful professor who teaches you what you need to know and doesn't bore you to tears.
(12/19/2008 04:12 A.M.)

Dr. Mohanram is very knowledgeable in his subject. Lectures are stimulating.
(12/19/2008 12:12 P.M.)

Professor Kartik is a great professor. He knows his material, he explains it well, he moves at just the right pace in class, and importantly, he tries to keep his lectures interesting. Also, he is there to help. One of the best professors i have had at Rice in my first 2 years here.
(12/19/2008 02:12 P.M.)

Extremely knowledgeable and great at relating concepts across.
(11/25/2008 12:11 A.M.)

I love Kartik and he is a great professor!
(12/24/2008 08:12 P.M.)

kartik is an awesome professor. he is really accessible and he makes sure his students are on top of think. i especially think his viva is really helpful. i think he's one of the best profs i had at rice.
(11/27/2008 08:11 P.M.)

Kartik knows a lot about digital design and it is clear that he is eager to share his love for it with his students. The assignments and tests always had interesting and fulfilling questions.
(12/14/2008 07:12 P.M.)

Total Comments: 23
Course Evaluation for ELEC 326 001 (10361) - DIGITAL LOGIC DESIGN

Term: Fall 2008
Course(s): ELEC 326 001 (10361) - DIGITAL LOGIC DESIGN
Cross-list(s): COMP 326 001 (11825)
Enrolled: 42
Instructor(s): Mohanram, Kartik

Student Numerical Responses

Class Mean: 1.66 Rice Mean: 1.95
Responses: 29

Organization: The course organization was:

- Outstanding: 41
- Good: 52
- Average: 2
- Poor: 0
- Fair: 0

Class Mean: 1.45 Rice Mean: 2.01
Responses: 29

Assignments: The contribution that the graded work (exams, assignments, studio, or lab work) made to the learning experience was:

- Outstanding: 52
- Good: 34
- Average: 0
- Poor: 3
- Fair: 0

Class Mean: 1.48 Rice Mean: 1.97
Responses: 29

Overall, I would rate the quality of this course as:

- Outstanding: 55
- Good: 41
- Average: 3
- Poor: 0
- Fair: 0

Class Mean: 1.45 Rice Mean: 1.89
Responses: 29

Challenges I was challenged to extend my capabilities or to develop new ones:

- Strongly Agree: 55
- Agree: 46
- Neutral: 0
- Disagree: 0
- Strongly Disagree: 0

Class Mean: 3.71 Rice Mean: 3.05
Responses: 28

Workload: The workload for this course compared to others at Rice was:

- Much Lighter: 1
- Somewhat Lighter: 0
- Average: 32
- Somewhat Heavier: 64
- Much Heavier: 4

Class Mean: 2.14 Rice Mean: 2.44
Responses: 29

I am taking this course because it satisfies:

- Univ or Dist Req: 1
- Req for Major: 2
- Elective in Major: 3
- Free Elective: 4
- N/A: 5

As of: Jan 15, 2009 2:49:08 PM
Course Evaluation for ELEC 326 001 (10361) - DIGITAL LOGIC DESIGN

Term: Fall 2008
Course(s): ELEC 326 001 (10361) - DIGITAL LOGIC DESIGN
Cross-list(s): COMP 326 001 (11825)
Enrolled: 42
Instructor(s): Mohanram, Kartik

Student Numerical Responses

Class Mean: 1.55 Rice Mean: 1.39
Responses: 29

My expected grade in this course is: (Answer only if you are taking this course for a letter grade.)

Class Mean: 5.00 Rice Mean: 3.81
Responses: 7

My expected grade in this course is: (Answer only if you are taking this course Pass/Fail or Satisfactory/Unsatisfactory.)
### Student Comments

**Very good course, lectures were very good the vivas very helpful**
(12/03/2008 10:12 P.M.)

This class has developed into what it seems like a problem solving class which is essential for Engineering. The homework was not effective enough to prepare for the tests. The project was minimally helpful in learning the material. Emphasis on learning the material alone is placed to highly. Classes should concentrate more on problem solving skills that will be on tests instead of basic things that can be understood via reading a book.
(12/27/2008 04:12 P.M.)

The course was well-paced to cover a lot of important material while never feeling rushed. Lab projects were interesting and moderately short. Frequent homework/review sessions were helpful.
(12/02/2008 10:12 A.M.)

Course is probably one of the best organized courses. Very hands-on project that Rice students will only usually experience in an internship. I really liked this class and had very challenging exams.

This year, there was a very large amount of high-performing students causing averages to be highest the professor has ever seen. Unfortunately, I was not part of this group that was screwing up the curves.

The professor is very engaging and provides very interesting examples in class. HW's are very interesting in a challenging way. Usefulness is questionable.
(12/05/2008 12:12 A.M.)

It was a very well organized course that could be better using shorter problem sets that occur more frequently.
(12/26/2008 09:12 A.M.)

Lab was hard and we did not have much help to actually know what we were doing. Otherwise it was pretty good.
(11/28/2008 04:11 P.M.)

This course is one of the better courses I've taken so far in the Elec department. The material is very interesting and requires students to think instead of regurgitating formulas.
(12/09/2008 06:12 A.M.)

The course has interesting homework assignments and projects. The exams are difficult but fair in testing your understanding of the concepts. Overall, I really enjoyed this course.
(12/07/2008 03:12 P.M.)

ELEC 326 would be a fun class even to non majors. The structure of the course has been well developed over years including the lab project. Workload is not too much compare to other ELEC class and very helpful.
(11/25/2008 05:11 P.M.)

Great class. Very interesting material and well-taught.
(12/12/2008 04:12 P.M.)

Everything was done very well in this course. The homework was challenging and there was adequate help available in the homework sessions. I did not like how the course started with a review of things we were supposed to remember from Elec 220 and other courses. It turned out to be inconsequential, but I think it would be less scary if the course started from its own basic principles.
(12/18/2008 08:12 P.M.)

This course provides a solid introduction to many of the principles that were roughly explained in ELEC 220, and covers everything from transistor-level principles to Verilog. Definitely useful for the ELEC curriculum.
(12/20/2008 11:12 P.M.)

I really enjoyed this course. It was difficult but not exceptionally so; it is definitely do-able.
(12/13/2008 12:12 A.M.)

Work load comes every 2 weeks rather than weekly, homework problem sets are very similar to tests, though very difficult. Overall, outstanding course.
(12/07/2008 05:12 P.M.)

The class provides a great extension to 220. Although, you only cover a fraction of the book, the material covered in class is very detailed and many real world applications are given as examples.
(01/02/2009 11:01 A.M.)

This was my favorite class as a first semester EE sophomore. I took ELEC 241, 261, and 326 at the same time and 326 is by far my favorite. The material is very similar to ELEC 220 but it goes much much deeper in detail.
Course Evaluation for ELEC 326 001 (10361) - DIGITAL LOGIC DESIGN

Term: Fall 2008
Course(s): ELEC 326 001 (10361) - DIGITAL LOGIC DESIGN
Cross-list(s): COMP 326 001 (11825)
Enrolled: 42
Instructor(s): Mohanram, Kartik

Student Comments

The problem sets are actually interesting and mind-opening, and so are the tests. The tests in this class are the only ones that I actually look forward to taking because they are interesting. But this doesn't mean that they are easy. The difficulty of his test can be matched with ELEC 241.

It's good that there's only 1 problem set per 2 weeks and the class project doesn't take that much time. We learnt Verilog as part of the class lecture so we're not completely lost in the labs.

Very good class! I suggest taking this class as a sophomore so that you can get a general feel of the 3 major specialization in the EE department. Because of this class, I'm thinking about specializing in Computer Engineering now.

(12/10/2008 12:12 A.M.)
Concrete and solid, diverse and thorough.
(11/25/2008 12:11 P.M.)
When compared with ELEC 220, which was sufficiently boring to diminish my interest in computer engineering, this course provided a much more interesting look at computer circuit design with more sophisticated tools. I felt the pace was slower than I expected, but the course was valuable nonetheless.
(11/29/2008 12:11 P.M.)
This class was cool, a more fulfilling follow-up to 220 with a professor that engages us more; the class is better organized, more thorough in covering the material, and really whets the appetite with hardware design with a project geared around programming FPGAs. The TAs were helpful in this regard. The homework sessions were helpful, the Tests rather challenging but not overly so. The professor instituted an excellent VIVA system that required us to meet with him so he could see how well we understood the material; sounds intimidating, but proved otherwise, mostly thanks to the professor. Overall, a good class.
(12/19/2008 04:12 A.M.)
Excellent course. HWS and Exams are filled with difficult but thorough and creative problems, which contributes to the course.
(12/19/2008 12:12 P.M.)
Great teacher and great course. Tests are well-designed and challenging.
(11/25/2008 12:11 A.M.)
This is the best class I have ever taken in my life. I learned a lot and enjoyed learning, even though the class was hard and I didn't do excellent in it. You know, you just feel very satisfied when listening to the lecture, doing homework and working on projects. But the exams are HARD.
(12/24/2008 08:12 P.M.)
good continuation of elec220 but I think more verilog introduction is needed and I see the introduction for the first two three weeks was very ambiguous and made me feel that i wasnt going anywhere. the textbook wasnt made a good use too, which i thought was a pity.
(11/27/2008 08:11 P.M.)