Bryan Mealy

Survey Evaluation Results

Professor Mealy,

In the attachment you will find the evaluation results of the survey CPE-133-01 which was conducted with the questionnaire EE-DEPT1:

The overall score is listed first and has been computed based on the average of selected questions. The survey results are on a five point scale, with 5 being the highest score and one the lowest.

In the second part of the analysis the average values of all individual questions are listed.

These results will be provided to your department chair and dean's office.

Article 11, section 11.4 of the the Unit 3 Faculty Agreement between the Board of Trustees of the California State University and the California Faculty Association states:

The faculty unit employee shall be provided with a copy of any material placed in the Personnel Action File at least 5 days prior to such placement.

I am advising you that the attached student evaluation results from Spring quarter 2015 will be placed in your file after July 6, 2015.

If you have any further questions do not hesitate to contact Jen Myers in Academic Personnel at 756-6569 or jmyers@calpoly.edu.

Thank you again for your participation in the evaluation pilot program.

Albert A. Liddicoat, Ph.D.
Associate Vice Provost, Academic Personnel
Bryan Mealy
CPE-133-01 (CPE-133-01-2154)
No. of responses = 16

Overall indicators

Global Index
Instructor Evaluation (Scale width: 5)

Survey Results

Legend

1. Student Information

1.1) Class Level

<table>
<thead>
<tr>
<th>Class Level</th>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td></td>
<td>31.3%</td>
</tr>
<tr>
<td>Sophomore</td>
<td></td>
<td>43.8%</td>
</tr>
<tr>
<td>Junior</td>
<td></td>
<td>25%</td>
</tr>
<tr>
<td>Senior</td>
<td></td>
<td>0%</td>
</tr>
<tr>
<td>Grad</td>
<td></td>
<td>0%</td>
</tr>
</tbody>
</table>

1.2) Reason for taking class

<table>
<thead>
<tr>
<th>Reason for taking class</th>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>0%</td>
</tr>
</tbody>
</table>

2. Instructor Evaluation

2.1) How well prepared does the instructor seem to be in the subject matter?

2.2) Evaluate the instructor on his/her ability to convey subject matter

2.3) Evaluate the instructor on his/her availability and effectiveness during scheduled office hours (if unknown, leave unchecked)
2.4) **Overall, I would rate this instructor**

- Excellent: 87.5% (15 out of 16)
- Inadequate: 12.5% (2 out of 16)

- n=16
- av.=4.88
- dev.=0.34
Profile

Subunit: Electrical Engineering - EE

Name of the instructor: Bryan Mealy
Name of the course: CPE-133-01

Values used in the profile line: Mean

2. Instructor Evaluation

2.1) How well prepared does the instructor seem to be in the subject matter?

<table>
<thead>
<tr>
<th>Excellent</th>
<th></th>
<th></th>
<th>Inadequate</th>
</tr>
</thead>
</table>

n=16  av.=4.88  md=5.00  dev.=0.50

2.2) Evaluate the instructor on his/her ability to convey subject matter

<table>
<thead>
<tr>
<th>Excellent</th>
<th></th>
<th></th>
<th>Inadequate</th>
</tr>
</thead>
</table>

n=16  av.=4.50  md=5.00  dev.=0.63

2.3) Evaluate the instructor on his/her availability and effectiveness during scheduled office hours (if unknown, leave unchecked)

<table>
<thead>
<tr>
<th>Excellent</th>
<th></th>
<th></th>
<th>Inadequate</th>
</tr>
</thead>
</table>

n=10  av.=4.90  md=5.00  dev.=0.32

2.4) Overall, I would rate this instructor

<table>
<thead>
<tr>
<th>Excellent</th>
<th></th>
<th></th>
<th>Inadequate</th>
</tr>
</thead>
</table>

n=16  av.=4.88  md=5.00  dev.=0.34
2. Instructor Evaluation

**COMMENTS:**

- A lot of labs
- Bryan is a great guy who is dedicated to the efforts of his students.
- Great guy, always helpful. Very understanding and open to ideas. Always to the point, which I really like.
- Great teacher, clearly gives a crap about his students and is definitely knows how to convey the subject matter effectively.
- Great teacher, would take again. Always willing to help the students and encourages them to think out of the box.
- He really cares about his students and their wellbeing.
- He's an OG
- Kind of wish there were quizzes to see if I'm understanding the subjects well enough
- MEALY!
- Mealy knows the material completely. If you have a question, you just need to know how to ask and you will get an answer. Sometimes the lectures go too fast, but he is ready to help and clarify anything.
- Thank you Bryan. I'm afraid I'm supposed to get this turned in by June 5th so I cannot wait until after the final to make this evaluation. I really liked your teaching style, it was different but good. I read some of the textbook, mostly in the first half of the quarter, and now I worry about the finals because I haven't been doing the reading. At this point I'm really not sure how important reading the text is because it's hardly ever stressed.
- Very helpful if stuck or have questions. Is straight forward about what you need to know/what is important.

**COURSE EVALUATION:** Please comment about the textbook(s) you used, both required and recommended, their appropriateness, content, level, etc., or about the equipment used in a laboratory course.

- Bryan provides all the necessary materials for one to learn the subject online and coupled with Benson's Youtube lectures, this makes for a very comprehensive class.
- Did not use or need a textbook, and his teaching ability more than made up for the lack of textbook.
- Free! :)
- It was written by Mealy. I think it is explained better than it could be in other textbooks.
- Labs were great, difficult, and fun.
- Really enjoyed this class and how it was very lab based. Instructive and fun experiments.
- Textbook was excellent and related very closely to the subject matter
- The book was to the point, which I liked. It only told us what was necessary and the tone was relatable.
- Worried about finals being 80% of grade. I feel like I can design a circuit in VHDL with the cheat sheet but the lecture final scares me. I'll do a practice exam or two but yeah... kinda panicked. Maybe having some optional in tests in class would help us get a feel earlier when we don't think about finals at all like in week 5 or 6. Or having a take home quiz that is graded based on completion would be awesome too. That way we can get some practice in for sure, not having to spend money on ink, and you still wouldn't have to grade a bunch of papers. Thanks again Bryan, I've enjoyed the class a lot.
Professor Mealy,

In the attachment you will find the evaluation results of the survey CPE-233-01 which was conducted with the questionnaire EE-DEPT1:

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Albert A. Liddicoat, Ph.D.
Associate Vice Provost, Academic Personnel
# Overall indicators

### Global Index

**Instructor Evaluation (Scale width: 5)**

**Survey Results**

### Legend

**Question text**

- **Right pole**
- **Left pole**
- **n=No. of responses**
- **av.=Mean**
- **dev.=Std. Dev.**
- **ab.=Abstention**

## 1. Student Information

### 1.1) Class Level

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<thead>
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<th>Class Level</th>
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</thead>
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<tr>
<td>Freshman</td>
<td>5%</td>
</tr>
<tr>
<td>Sophomore</td>
<td>60%</td>
</tr>
<tr>
<td>Junior</td>
<td>25%</td>
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<tr>
<td>Senior</td>
<td>10%</td>
</tr>
<tr>
<td>Grad</td>
<td>0%</td>
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### 1.2) Reason for taking class

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<tbody>
<tr>
<td>Required</td>
<td>94.7%</td>
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<tr>
<td>Elective</td>
<td>5.3%</td>
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## 2. Instructor Evaluation

### 2.1) How well prepared does the instructor seem to be in the subject matter?

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>65%</th>
<th>35%</th>
<th>0%</th>
<th>0%</th>
<th>0%</th>
<th>Inadequate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n=20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>av.=4.36</td>
</tr>
<tr>
<td></td>
<td>dev.=0.49</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

### 2.2) Evaluate the instructor on his/her ability to convey subject matter

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>10%</th>
<th>75%</th>
<th>15%</th>
<th>0%</th>
<th>0%</th>
<th>Inadequate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n=20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>av.=3.95</td>
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<tr>
<td></td>
<td>dev.=0.51</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</table>

### 2.3) Evaluate the instructor on his/her availability and effectiveness during scheduled office hours (if unknown, leave unchecked)

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>56.3%</th>
<th>37.5%</th>
<th>6.3%</th>
<th>0%</th>
<th>0%</th>
<th>Inadequate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n=16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>av.=4.5</td>
</tr>
<tr>
<td></td>
<td>dev.=0.63</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Overall, I would rate this instructor 2.4

Overall rating:

- Excellent: 35%
- 4:
- 5:
- 65%
- 4:
- 3:
- 0%
- 2:
- 0%
- 1:
- 0%
- Inadequate:

Average rating: 4.35
Standard deviation: 0.49

n=20
Subunit: Electrical Engineering - EE
Name of the instructor: Bryan Mealy
Name of the course: CPE-233-01

Values used in the profile line: Mean

2. Instructor Evaluation

2.1) How well prepared does the instructor seem to be in the subject matter?

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<tr>
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<th></th>
<th></th>
<th>Inadequate</th>
</tr>
</thead>
<tbody>
<tr>
<td>n=20</td>
<td>av.=4.65</td>
<td>md=5.00</td>
<td>dev.=0.49</td>
<td></td>
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</table>

2.2) Evaluate the instructor on his/her ability to convey subject matter

<table>
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<tr>
<th>Excellent</th>
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<tr>
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</table>

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<td>dev.=0.63</td>
<td></td>
</tr>
</tbody>
</table>

2.4) Overall, I would rate this instructor

<table>
<thead>
<tr>
<th>Excellent</th>
<th></th>
<th></th>
<th></th>
<th>Inadequate</th>
</tr>
</thead>
<tbody>
<tr>
<td>n=20</td>
<td>av.=4.35</td>
<td>md=4.00</td>
<td>dev.=0.49</td>
<td></td>
</tr>
</tbody>
</table>
2. Instructor Evaluation

2.6) COMMENTS:

- Bryan is very clear about expectations in class and communicates concepts very well.

- Expected us to learn most of the material from the textbook, but I learn much better from lectures. The short lectures weren't really helpful for me because he went so fast, but the slides were helpful to review afterwards. He was really helpful one on one. Also the labs were a little too dense. We spent at least 3 hours each week outside of class working on the labs, and we still were consistently behind. I think having even one less lab would be good. The fact that there's only one final is really stressful. I think it would be better if we had a chance to see what we needed to improve on with at least one midterm.

- I appreciate Mealy taking the time to help every lab group. He understands student frustrations when codes are not working properly. He lectures fast but always answers questions by students. An interesting way how he goes with class: no quizzes and midterms. You can submit labs anytime. If you wanna learn and pass 233, you gotta do the work.

- I liked how he had everything for the quarter posted on Polylearn form the beginning of the quarter. Mealy is very helpful during lab. He also grades fairly on lab submissions. Besides the lab submissions and final project, the final was worth 65% for our course grade. I feel that this is unfair given the amount of work and time spent in the class doing the labs. A final worth more than half of a course grade puts a lot of pressure and anxiety on his students. Overall, I do feel like I learned a lot in his class, but I think his final should not be worth as much as it currently is.

- I loved this professor, but I do wish there were more things to be graded other than just labs. Weekly quizzes would have really helped me know what I should be comfortable with for that week.

- I think the teaching style provides a great learning environment and leaves room for creative thinking. I did not get what I wanted out of the class, but that is due to me focusing on other classes more than this one (just because that's the way things go sometimes). I appreciate the book and will probably be reviewing that at some point because I do enjoy it. Thank you.

- I would prefer CPE 233 to have a midterm midway through the course, instead of end-loading 65% of the course grade during finals week. He was very knowledgeable about the material and helpful too. The lectures were short and fast, I wish they were longer. Overall a very good professor.

- I would prefer to have weekly quizzes for this class because it helps stay on track with the material.

- Mr. Mealy is a good professor but I believe he needs to assign homework. I see many students not doing the suggested reading to understand the material and relying entirely on his lecture to try to understand the material.

- Overall, I would say that Professor Mealy is an intelligent and very kind individual. He was very helpful during lab always doing his best to answer any question or address any problems that we might have. I would have appreciated if he had presented his expectations and introduced his material in a slightly less ambiguous manner so that the students had a clear understanding of the topics that were being covered and their relative importance to the lecture final. The lab final material was presented very clearly and concisely.

- Probably one of my top 5 teachers at cal poly. One of the most sensible men I know that only thinks about the best for his students. It'd be a crime to not give the man credit for his work. He expects a college level discussion and thinking process and helps develop where you lack.

- There are a lot of materials to cover in this class, and the professor did the best he could in the short amount of time that we had. He always asked if we had questions. Even when he knew the students were not going to ask him a question, he still asked. When I did ask him questions in class, he was able to answer everything from easy to hard questions without hesitation nor judging on what we did know or did not know. It was a very good learning environment instead of wondering if I should ask this question or not. The best class and professor I've had at Cal Poly.

- This is now my favorite class, I've learned so much from the experiment and how the general idea of computers work (or at least CPU's in a broad sense) as well as what it means to program in an assembly language.

- I have to say, the transition into writing assembly language was a little too brief, it seemed like we were supposed to have seen/used assembly language in CPE 133 and that was not the case. Otherwise, the class seemed to fit scheduling quite snug, these last few experiments (#9-12) are a little rushed, but if given the attention outside of class, they seemed to be manageable.

- I wish there were one less experiment in order to really have the freedom to work on the final project and make something amazing.

- Otherwise, it was a wonderful class and whenever I had questions, Prof. Mealy was able and ready to help! Thanks!

2.6) COURSE EVALUATION: Please comment about the textbook(s) you used, both required and recommended, their appropriateness, content, level, etc., or about the equipment used in a laboratory course.

- Awesome textbook. Very informative, concise, and good descriptions for all MCU modules. Reading the assigned chapters before coming to class gives you a better understanding in lecture. Some modules provided in class work well with the Nexys 2 board. Highly recommend
the EE or CPE department to provide Nexys 2 boards or configure the lab code to work with Nexys 3.

- He wrote the book. He didn't charge 150+ for it. Thank you sir.
- His written books were very informative and useful. It would be nice to have a solutions manual for the book problems, there was no good way to check the answers except contacting him or TAs (especially the RAT programming in ch 14).
- I really don't like the studio classroom for this class. It's really awkward trying to takes notes on his lecture because the tables face away from the front of the classroom, and the lectures often take away from the lab time. I would much rather go to an hour lecture, then have a 3 hour lab for this. We ended up spending countless hours on the weekend doing labs that may have been possible to do in class if we had a full 3 hours.
- I used the textbook spastically throughout the quarter for reference; however, I plan to use it extensively in my studying for the upcoming lab/lecture final (worth 65+% of our final grade). The laboratory computers worked but for later experiments took a considerable amount of time to compile the project. The lab materials (RAT Activity Manual, RAT Assembler Manual, etc.) were helpful but their usefulness and appropriateness was not clear until a week or two into the quarter because most of the resources were presented haphazardly if mentioned in class at all.

- Mealy's textbooks are very useful in learning the subject. I learned most from this class from doing the reading. The studio setup in the classroom was fine.
- Textbook is really great.
- Textbook was written by this professor and it was absolutely amazing
- The FRCD texts are complete and concise. They are very useful to understanding the material.
- The book used was great and helped with the course material.
- The professor provided the textbook in pdf form for free online. This was the first time in my college career where reading the textbook helped me with whatever I was learning/doing in class. The textbook was applicable, and if I did read, I often found myself getting ahead of my peers just because it was my second time seeing the materials. The lab experiment questions were definitely helpful and might even say sometimes more important than the experiment itself. The questions were very thorough, and really made easy for me to see if I understood the material or not.
- The textbook was written at a level that is easy to understand and it was helpful for doing most of the experiments.
- The textbook was written by Prof. Mealy and so it seemed to make the class less intimidating since the author was right there to figure out what might have been an issue.

I must say, I didn't follow the reading (which I regret, honestly). However, the questions, albeit sometimes vague and could use diagrams or further clarification, were thorough and helped to understand what we were supposed to find out and understand.

Lastly, iSim could use an update, which I've heard may be in affect? maybe? but all the software was provided and fair.

- Used the textbook all the time