March 9, 1990

Professor Pinaki Mazumder  
Electrical Engineering and Computer Science  
2215 EECS Building

Dear Pinaki:

I have reviewed the student course evaluations from last term and have identified those instructors in the top 10% based upon the average of questions 1 and 2 (teacher and course respectively). I am very pleased that you are among them and I am writing to offer my sincere congratulations.

Classroom instruction is at the core of our mission as a leading College of Engineering. It, probably more than anything else, dominates the quality of the experience of our students. It is absolutely necessary that we all strive for excellence in classroom teaching and again, I am delighted to see that you clearly agree.

I wish you the best for the remainder of the year.

Sincerely yours,

[Signature]

Daniel E. Atkins

DEA/jr
8 July 1991

Professor P. Mazumder  
The University of Michigan  
1301 Beal, 2215 EECS  
Ann Arbor, MI 48109-2122

Dear Pinaki:

I have had occasion to look at the course evaluations for the Spring 1991 half-semester, and I wish to congratulate you on your performance in EECS 270. Those courses which provide students with their first exposure to this Department are particularly important to us, and with you EECS 270 is in good hands. Thank you for doing your part to maintain the quality of our undergraduate institution.

Sincerely,

[Signature]

Thomas B.A. Senior  
Associate Chairman
### Responses from Your Students:

<table>
<thead>
<tr>
<th>Item</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
<th>Median</th>
<th>75% Had Medians Above</th>
<th>50% Had Medians Above</th>
<th>25% Had Medians Above</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Overall, this is an excellent course.</td>
<td>14</td>
<td>12</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>4.54</td>
<td>3.61</td>
<td>3.96</td>
<td>4.32</td>
</tr>
<tr>
<td>2 Overall, the instructor is an excellent teacher.</td>
<td>17</td>
<td>9</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>4.71</td>
<td>3.76</td>
<td>4.14</td>
<td>4.60</td>
</tr>
<tr>
<td>3 The instructor motivates me to do my best work.</td>
<td>6</td>
<td>15</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>4.00</td>
<td>3.28</td>
<td>3.77</td>
<td>4.11</td>
</tr>
<tr>
<td>4 I feel that I am performing up to my potential in this course.</td>
<td>6</td>
<td>15</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>4.00</td>
<td>3.23</td>
<td>3.65</td>
<td>3.92</td>
</tr>
<tr>
<td>5 I had a strong desire to take this course.</td>
<td>5</td>
<td>11</td>
<td>9</td>
<td>2</td>
<td>0</td>
<td>3.73</td>
<td>3.27</td>
<td>3.83</td>
<td>4.23</td>
</tr>
<tr>
<td>140 I deepened my interest in the subject matter of this course.</td>
<td>11</td>
<td>14</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4.32</td>
<td>3.70</td>
<td>4.00</td>
<td>4.24</td>
</tr>
<tr>
<td>201 The instructor gives clear explanations.</td>
<td>11</td>
<td>15</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>4.33</td>
<td>3.63</td>
<td>4.01</td>
<td>4.32</td>
</tr>
<tr>
<td>203 The instructor stresses important points in lectures/discussions.</td>
<td>15</td>
<td>10</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4.60</td>
<td>3.87</td>
<td>4.08</td>
<td>4.36</td>
</tr>
<tr>
<td>207 The instructor appears to have a thorough knowledge of the subject</td>
<td>22</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>4.89</td>
<td>4.27</td>
<td>4.64</td>
<td>4.85</td>
</tr>
<tr>
<td>216 The instructor acknowledges all questions insofar as possible.</td>
<td>12</td>
<td>13</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4.38</td>
<td>4.07</td>
<td>4.27</td>
<td>4.58</td>
</tr>
<tr>
<td>218 The instructor encourages constructive criticism.</td>
<td>7</td>
<td>11</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>3.91</td>
<td>3.47</td>
<td>3.82</td>
<td>4.13</td>
</tr>
<tr>
<td>228 The instructor follows an outline closely.</td>
<td>12</td>
<td>12</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>4.38</td>
<td>3.57</td>
<td>3.91</td>
<td>4.13</td>
</tr>
<tr>
<td>230 The instructor seems well prepared for each class.</td>
<td>14</td>
<td>13</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>4.54</td>
<td>4.02</td>
<td>4.29</td>
<td>4.63</td>
</tr>
<tr>
<td>232 Work requirements and grading system were clear from the beginning</td>
<td>12</td>
<td>13</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4.38</td>
<td>3.83</td>
<td>4.04</td>
<td>4.24</td>
</tr>
<tr>
<td>239 The amount of work required is appropriate for the credit received</td>
<td>5</td>
<td>17</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>4.00</td>
<td>3.60</td>
<td>3.92</td>
<td>4.13</td>
</tr>
<tr>
<td>240 The amount of material covered in the course is reasonable.</td>
<td>5</td>
<td>17</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>4.00</td>
<td>3.75</td>
<td>3.91</td>
<td>4.06</td>
</tr>
<tr>
<td>318 Written assignments (papers, problem sets) seem carefully chosen.</td>
<td>5</td>
<td>18</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>4.03</td>
<td>3.59</td>
<td>3.86</td>
<td>4.07</td>
</tr>
<tr>
<td>331 The laboratory was a valuable part of this course.</td>
<td>14</td>
<td>11</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4.54</td>
<td>2.94</td>
<td>3.11</td>
<td>3.78</td>
</tr>
<tr>
<td>332 Laboratory assignments seem carefully chosen.</td>
<td>9</td>
<td>11</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>4.09</td>
<td>3.00</td>
<td>3.20</td>
<td>3.75</td>
</tr>
<tr>
<td>336 Lab assignments require a reasonable amount of time and effort.</td>
<td>5</td>
<td>13</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>3.85</td>
<td>2.99</td>
<td>3.17</td>
<td>3.75</td>
</tr>
<tr>
<td>337 Laboratory assignments are relevant to what is presented in class.</td>
<td>9</td>
<td>12</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>4.13</td>
<td>3.02</td>
<td>3.42</td>
<td>3.89</td>
</tr>
<tr>
<td>340 The textbook makes a valuable contribution to the course.</td>
<td>1</td>
<td>11</td>
<td>10</td>
<td>5</td>
<td>0</td>
<td>3.35</td>
<td>3.13</td>
<td>3.73</td>
<td>4.02</td>
</tr>
<tr>
<td>356 Examinations cover the important aspects of the course.</td>
<td>8</td>
<td>18</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>4.19</td>
<td>3.66</td>
<td>3.93</td>
<td>4.11</td>
</tr>
<tr>
<td>365 Grades are assigned fairly and impartially.</td>
<td>11</td>
<td>14</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4.32</td>
<td>3.67</td>
<td>3.95</td>
<td>4.15</td>
</tr>
<tr>
<td>366 The grading system was clearly explained.</td>
<td>11</td>
<td>14</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>4.32</td>
<td>3.67</td>
<td>3.95</td>
<td>4.13</td>
</tr>
</tbody>
</table>

Number of students responding to questionnaire: 27

For help in interpreting this report, please call 764-0505.

Instructor Copy
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Space A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics-good and bad)

Professor Mazumder is just about everything that one could ask for in a professor. He is always on time to class and gives back homework and tests in a reasonable amount of time. An excellent Teacher, i.e. (one who truly teaches)

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

Wafik Farag: Wafik has a sense of humor and is very good at trouble shooting errors in the lab. However, he is not always willing to help.

How do you evaluate your performance in this course? What conditions would have made your performance better? Pretty good.
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

The instructor is an excellent teacher who is able to express complicated ideas in a simple and easy to understand manner. -- He is clear, punctual, and understands student difficulties. -- A great prof

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

How do you evaluate your performance in this course? What conditions would have made your performance better?

Performance was satisfactory.
OPEN FORM

Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

Very effective as a professor.

Easy and enjoyable to understand.

Very organized.

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

Wafik Forag: Talked very fast and did not always emphasize the important parts in the lab. Needs to be more dramatic on the important parts, the parts he wants.

Very approachable.

How do you evaluate your performance in this course? What conditions would have made your performance better?

I think I did my best in this course in learning the material.
Prof. Mazumder is a great instructor!!!
This is a very good class. It is informative and interesting. This is by far the best class I have taken at UoM!!
Professor Mazumder is the best professor I have had in the EECS Department. It is his genuine concern and caring for his students that makes him such a special educator. He has a thorough knowledge of Electrical Engineering and teaching. He also has a good sense of humor and great class interaction. The EECS Department needs more faculty like him.
Prof. Mazumder has done an excellent job in presenting the material in class.
Sometimes he goes a little fast, especially when going through examples, but generally is very good. Acknowledges and
sufficiency. Uses time well.

Exams — choice on questions to answer is good. Worthful.

Grader needs to explain why things are wrong in homework (is "correct" or "wrong").
Professor Mazumder is an excellent instructor. However, he needs to work on his jokes. Just kidding, they helped relax the class when it was needed.
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Space A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics-good and bad)

Very good. Clear, entertaining, flexible. Made what could have been a very dry subject something very enjoyable. Class was never dull, and he taught the material remarkably well.

RECITATION/LABORATORY-INSTRUCTOR (if different from above):
(Topics: same as above)
Too quiet. Accessibility not apparent. Difficult to hear and not always clear. Still, Kaushik Kalita was adequate.

How do you evaluate your performance in this course? What conditions would have made your performance better?

I did very well, and I enjoyed myself. I was apprehensive, but I have come out of the course a lot wiser, and I have become interested in something that I knew nothing about prior to this course. This course has increased my understanding of the workings of computers.
OPEN FORM

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PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

PROF. MAZUMDAR DID AN EXCELLENT JOB TEACHING THIS COURSE. I HAVE AN INCREASED INTEREST IN DIGITAL CIRCUITS AND LOOK FORWARD TO HAVING HIM AS AN INSTRUCTOR IN THE FUTURE.

RECITATION/LABORATORY INSTRUCTOR (if different from above): (Topics: same as above) WORK WAS A VALUABLE SOURCE OF INFORMATION. THE LAB DAYS WERE INTERESTING, AND I LOOKED FORWARD TO LEARNING MORE IN THE LAB THAN FROM THE BOOK.

How do you evaluate your performance in this course? What conditions would have made your performance better?

I WOULD HAVE DONE BETTER, BUT DUE TO WORK I WAS NOT ABLE TO DEVOTE AS MUCH TIME TO THE COURSE AS I WOULD HAVE LIKED TO. I THINK DURING THIS 9-WEK COURSE THE MATERIAL WENT BY FAST.
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

**PRINCIPAL INSTRUCTOR:**
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students’ progress in course, outstanding characteristics—good and bad)

The Principal Instructor makes the class interesting and lively. He is also patient about student’s questions. Overall, he is a good professor.

**RECITATION/LABORATORY INSTRUCTOR (if different from above):**
(Topics: same as above)

How do you evaluate your performance in this course? What conditions would have made your performance better?

I’m trying my best to perform well in the course. It would be better if there are quizzes to spread the grades.
OPEN FORM

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Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Space A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics-good and bad)

Very clear, concise, and effective. How good characteristics. He is overall an excellent teacher with good sense of humor.

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

Not a good lab instructor. He knew everything about 270. Answered all questions and was always prepared. He had a good sense of humor. He's a good character too.

How do you evaluate your performance in this course? What conditions would have made your performance better?

My performance in this course is good. I don't think any other conditions would have made it better. The teacher did all he can. I just need to do the same.
OPEN FORM

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Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

Good job in lecture, kept us entertained (literally) when things got bogged down. It seemed like he actually wanted us to learn rather than stand on our heads to get a grade.

RECITATION/LABORATORY INSTRUCTOR (if different from above): (Aliy Adban)
(Topics: same as above)

Knows his material. Gave extra lecture sessions when lab material wasn't covered in class.

How do you evaluate your performance in this course? What conditions would have made your performance better?

I believe I did very well in this course. It's the most interesting class I've taken yet. I probably could've gotten more sleep if I didn't like to go out at all. (i.e. I spent many a late night doing homework)
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

PROF. MAZUMDER WAS, OVERALL, A VERY GOOD TEACHER. I FEEL HE HAS VAST
KNOWLEDGE OF THE MATERIAL IN THIS CLASS. HE WAS
VERY ACCESSIBLE AND ALWAYS VERY PREPARED FOR CLASS. HE INVOLVED
STUDENTS THRU Q/A DISCUSSIONS AND NEVER PRESSURED STUDENTS WHO DIDN'T KNOW THE ANSWERS. HE WAS VERY ENCOURAGING.
THE ONLY PROBLEM I SAW WAS THAT HE SOMETIMES BELIEVED EVERYONE UNDERSTOOD EVEN IF THEY DIDN'T.

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

WAFIK / ALLY — TERRIFIC. WAFIK WAS ALWAYS THERE TO ANSWER ANY LAB/CAD QUESTIONS AND ALLY WAS ALWAYS THERE TO ANSWER HOMEWORK QUESTIONS — BOTH WERE VERY ACCESSIBLE & HELPFUL.

How do you evaluate your performance in this course? What conditions would have made your performance better?

I FEEL I AM DOING GREAT —> EXPECTED GRADE —> (A)
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

**PRINCIPAL INSTRUCTOR:**
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

Very knowledgeable & capable lecturer!

**RECITATION/LABORATORY INSTRUCTOR (if different from above):**
(Topics: same as above)

Thought both the hardwiring and CAD simulations were valuable parts of the course.

How do you evaluate your performance in this course? What conditions would have made your performance better?
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

Great! Made a tough course enjoyable.

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

(Aly)

Also great. Very understanding of students' difficulties. Very patient, very helpful.

How do you evaluate your performance in this course? What conditions would have made your performance better?

Mozumder really made me want to learn because it seemed he was more concerned with learning than with grades.
OPEN FORM

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Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

very accessible, almost always on time, lots were fair but too long, class should have depended more on lectures, sometimes went off on tangents.

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

Sinha – not very helpful in lab, she had too many people a day and her attention was very weak, seemed to know the material well.

How do you evaluate your performance in this course? What conditions would have made your performance better?

I think I did average. The amount of material covered, long homework assignments and labs all took incredible amounts of time.
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Spaces A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

Prof. Mazariner spent a great amount of effort in making himself available for student's questions and in general, did a very good job as lecture instructor.

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

The laboratory instructor, Jon Engelbert, did an excellent job of making the lab projects both interesting and informative.

How do you evaluate your performance in this course? What conditions would have made your performance better?
Note: There are two sides to this form.

Please feel free to make specific comments regarding the course, the teacher, and possible improvements in them. The topics below are meant only as guides for organizing your thoughts. Space A and B are provided for instructors wishing to ask additional questions.

PRINCIPAL INSTRUCTOR:
(Topics: clarity, punctuality, accessibility, effectiveness as discussion leader, feedback on students' progress in course, outstanding characteristics—good and bad)

Overall, the professor is a very good teacher. He explains the material very well.

RECITATION/LABORATORY INSTRUCTOR (if different from above):
(Topics: same as above)

At times, the TA was hard to understand clearly.

How do you evaluate your performance in this course? What conditions would have made your performance better?

OK. If the classes were not every day.