

**Minutes of the Meeting of the  
Undergraduate Committee  
Electrical and Computer Engineering Department  
University of New Mexico  
December 5, 2007**

The meeting was called to order at 1:00 P.M. in EECE Room 237 on Wednesday, December 6, 2007. Present were Gregory L. Heileman, Balu Santhanam, Mark Gilmore, Payman Zarkesh-Ha, Jamesina Simpson, Nasir Ghani, Sudharman Jayaweera, Chaouki Abdallah, Marios Pattichis, Anna Roybal and Roberta M. Menicucci.

A copy of the Agenda is attached hereto.

1. A motion was made and seconded to accept the Minutes from the last meeting with no changes. The motion passed unanimously.
2. ABET. A discussion of the ABET outcomes-to-classes mappings for the EE and CompE curricula occurred.

Dr. Heileman showed his Exit Survey for ECE 231 and will send copies to everyone to model their class. It is important to collect data this semester from ECE 231, 409 and 445. Knowledge Probes will be done in the Spring semester.

3. Anna Roybal mentioned there are still instructors needed for three classes which will be offered in the Spring: ECE 338, 441 and 446.
4. Dr. Abdallah spoke about revising the EE Curriculum. He showed the plan that Carnegie Mellon used to revise theirs. He suggested that this Committee needs to answer the question of what do students need to know by the time they leave here? Then we can come up with the steps needed to devise a new curriculum. Dr. Abdallah said that we need to revise the Curriculum because people – industry – are not happy with the way we are educating students now. This is happening all across the country. He would like to have a review of various other university programs by the first faculty meeting in February and then by the retreat in August, a more firm proposal. Each faculty present will report back on a couple of peers and related schools. Their reports will include size of faculty and number of students, degrees offered and number of hours to graduate; what classes make up the Core and Tracks and how many free electives are included and are these peer schools ABET accredited.

The meeting was adjourned at 1:45 P.M.

The next meeting is February 6, 2008 at 1:00 P.M. in ECE Rm. 118.

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Gregory L. Heileman, Chair  
Undergraduate Committee  
ECE Department