



05-04

Minnesota State University, Mankato HOLD and CLEAR buttons only compatible with Acrobat V. 4 and 5 Curriculum Proposal

Please type or select the requested information. Print completed forms, add appropriate paper attachments, and route through MSU's curricular process for recommendations and decisions.

		(Check all that apply):		Proposal #	106
College:	Science, Engineering and Technology	<input checked="" type="checkbox"/>	Undergraduate	Effective Date of Change:	
Department:	Electrical and Computer Engineering and T	<input checked="" type="checkbox"/>	Graduate	Academic Year	05
Program:	Electrical Engineering		CIP #	(For Office Use Only)	
Type of Change	N/A			Course Designator and Number	Number of Credits
Proposed:	N/A				
Title Current:	Change "EE" course prefix				
Title Proposed:	To "ECE" prefix				
24-Char. Abbrev:					(if applicable)

Include a course or program description for the Bulletin (30-40 words maximum for courses, 100 for programs):

Rationale or Justification for change:

Would better represent the dual nature of the department in offering both Electrical Engineering and Computer Engineering degrees.

For General Education or Cultural Diversity Courses Only

General Education Course:		Cultural Diversity Course:
GE Category #	GE Category Name (Maximum of 3 Categories)	(Please check one.)
N/A		<input type="checkbox"/> Core (At least 75% devoted to topics of race, gender, sexual orientation, age, class, and disabilities as they occur in United States Society.)
N/A		<input type="checkbox"/> Related (At least 25% devoted to the above topics or to a global perspective on topics related to African American, Asian, Hispanic, and Native American inhabitants of the United States.)
N/A		

? For Writing Intensive Courses, attach a description of the kind and quantity of writing.
 ? For Upper Division Courses, include a description of the respects in which it is broad and general rather than narrow and specific, and so suitable as GE.

Attach paper copies of the following:

- Syllabus or course outline.
- Course's student learning outcomes associated with each GE competency or CD designation.
- List of strategies to be used to assess students' achievement of each GE competency or CD designation.

For New Courses

(Check all that apply):	Instructional Type: <input type="text" value="Lecture"/>	Course will be offered:
<input type="checkbox"/> Course is an elective.	Grading Format: <input type="checkbox"/> Grade <input type="checkbox"/> P/N	<input type="checkbox"/> Fall Semester
<input type="checkbox"/> Course is required for program	<input type="text"/>	<input type="checkbox"/> Spring Semester
<input type="checkbox"/> Pre- or Co-requisites:	<input type="text"/>	<input type="checkbox"/> Summer Session
<input type="checkbox"/> Other courses are being changed or eliminated. (Explain.) _____		
<input type="checkbox"/> Course content or title is similar to courses in other departments. (Attach copy of letter of agreement with other program(s) contacted. Indicate the nature of the discussions and/or resolution of differences or potential conflicts.)		

Attach paper copies of the following:

- Syllabus or course outline.
- Course's student learning outcomes.
- A list of resources required to offer and support this course.
- A description of how teaching this course will affect department staffing.
- If 400/500 level course, an explanation of added expectations of graduate students.





Minnesota State University, Mankato
Curriculum Proposal

Signature Page

Department
 Recommended (Category/ies _____)
 Not Recommended (Category/ies _____)
 Comments: _____

William B. Hudec Sept 29 2004
 Department Chair Date

College Curriculum Committee
 Recommended (Category/ies _____)
 Not Recommended (Category/ies _____)
 Comments: _____

Karen C. Chou 11/4/04
 Committee Chair Date

College Dean
 Recommended (Category/ies _____)
 Not Recommended (Category/ies _____)
 Comments: _____

J. J. [Signature] 11/5/04
 Dean Date

General Education Subcommittee
 Recommended (Category/ies _____)
 Not Recommended (Category/ies _____)
 Comments: _____

 General Education Subcommittee Chair Date

Undergraduate Curriculum and Academic Policy Committee
 Recommended (Category/ies _____)
 Not Recommended (Category/ies _____)
 Comments: _____

 UCAP Faculty Chair Date

Faculty Association Graduate Committee
 Recommended
 Not Recommended
 Comments: _____

 Faculty Association Graduate Chair Date

Graduate Dean
 Recommended
 Not Recommended
 Comments: _____

 Graduate Dean Date

Academic Affairs Council
 Recommended (Category/ies _____)
 Not Recommended (Category/ies _____)
 Comments: _____

 Assistant Vice President Date

Senior Vice President and Vice President for Academic Affairs
 Approved (Category/ies _____)
 Not Approved (Category/ies _____)
 Comments: _____

 Sr. Vice President / Vice Pres. Academic Affairs Date

Minutes of the ECE&T Department Meeting of September 1, 2004
(Corrected Sept. 29, 2004 – Approved Sept. 29, 2004)

Those attending: Gale Allen, Suraj Amatya, John Caven, Mark Dvorak, Bill Hudson (Chair), Rajiv Kapadia, Muhammad Khaliq, Paul Lindfors, Julio Mandojana, Andrew Miner, Ramakrishna Nair and George O'Clock.

1. J. Mandojana moved, and R. Nair seconded the motion, that the minutes of the ECE&T Department Meeting of August 25, 2004 be approved. The vote to approve was unanimous.

~~*~~ 2. Bill Hudson announced that Gale Allen is now a Senior Member of the IEEE.

* 2 ½ Discussion and vote to change of EE prefix to ECE to better represent the interests of the department – vote was unanimous.

3. With respect to any computer change or update, ITS has requested a hard disk “scrubbing” before any computer is turned over to anyone else or salvaged. G. O'Clock stated that, due to the unusual number of office break-ins and questionable activities that have occurred over the last few years, he would like any scrubbing effort, done by the University, to be monitored by the user of the computer and J. Caven. The former user of the computer should be given the “scrubbed” hard disk once the procedure is completed.

4. Admission to major (allowing students to take 300 and 400 level courses) for EE and CE students should be based on a C grade, or better, in the following courses:

EE Math 121, Math 122, Math 321, Phys 221, Phys 222, EE 230 and EE 231
CE Math 121, Math 122, Math 321, Phys 221, Phys 222, EE 230, EE 231, COMS 110, and COMS 211

This will help to minimize the work involved when advisors monitor student progress, and will provide a simple monitoring tool to help stop students from continuing to take courses while deficiencies still exist. Paul Lindfors moved and Julio Mandojana seconded the motion, that Department prerequisites be listed on the CSET admission sheet. The motion passed unanimously.

5. Muhammad Khaliq stated that 5 hours of graduate student help will be needed for the clean room.

6. The low completion rate for EET 112 was discussed. Paul Lindfors gave an overview of some of the problems in the course. There are 70 students now enrolled in EET 112 and EET 115.

7. The Department needs to provide inputs to CSET concerning how the labs in N 192, E 317, S 357, S 189, E 110 and E 211 are being used and what experiments occur in these labs.

8. A "kick off" picnic was discussed.
9. George O'Clock moved, and Paul Lindfors seconded, that a regular desk top computer be purchased for Suraj Amataya.
10. The Department faculty handed in copies of their Course Outcomes Review and Adoption papers to Bill Hudson.
11. Space issues were discussed.

Respectfully submitted.

George O'Clock

Comments regarding proposed changes

- a. Student learning outcomes for the program remain the same..
 - b. Attach minutes from the department and college curriculum meetings indicating that the program has been approved at these levels. Minutes from the September 1, 2004 ECET meeting are attached
 - c. Attach the redesigned program assessment plan – this change in course prefix does not alter current program assessment
 - d. Attach:
 - i. Current Program Requirements – the requirements remain the same
 - ii. Proposed Program Requirements – the requirements remain the same
 - iii. A rationale for proposed changes in credit requirements (PLEASE NOTE: Credit requirements for new and redesigned programs must fit within the 128 credit hour limit for 4-year degrees.) – there is no change in credit hours
3. For new and redesigned programs:
- a. Attach a list of resources required to offer and support this program. – the resource requirements remain the same
 - b. Attach a description of how this new or redesigned program will affect staffing – no new staffing will be required
 - c. Attach a list of additional library holdings (if applicable) required for the new or redesigned program. – no new library holdings will be required to support this change

Hudson, William B

From: Pirius, Landon K
Sent: Friday, August 27, 2004 8:22 AM
To: Hudson, William B
Subject: RE: EE Course Prefix

Bill,

Your next step would be to get the approval of the dean. Then you would need academic affairs' approval. Once cleared by academic affairs, the change can be made for the 2005-06 bulletin. All courses would remain EE through summer 2005 and would switch to ECE starting fall 2005.

Landon

-----Original Message-----

From: Hudson, William B
Sent: Friday, August 27, 2004 6:23 AM
To: Pirius, Landon K
Subject: EE Course Prefix

Landon,

At our last ECET Faculty/Staff meeting on August 26th we voted to change the EE course prefix to ECE if this was possible. We feel that this change would better reflect the intentions of the department in offering both Electrical and Computer Engineering courses. I would appreciate your guidance as to how we should now proceed on this matter.

Bill

10/25/2004