**Executive Summary of Program Assessment**

*The summary, including this page, should be no more than three pages.*

**Campus:** MU

**College/School:** College of Engineering

**Academic Unit:** Electrical and Computer Engineering

**Date Submitted:** 12/06/12 *(dd/mm/yy)*

**Person Responsible for Success of Program:** Noah Manring

**Person Submitted Executive Summary:**

Patricia Okker, Faculty Fellow for Program Assessment and Accreditation, Office of the Provost

**Degree Programs**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree (e.g., BS, MA, PhD)** | **Degree Program** | **Enrollment** | **Number of Degrees Awarded** |
| **Most Recent Fall Semester****(fall 2011)** | **5-Year Fall Semester Average** | **Most Recent Academic Year****(fall 2011)** | **5-Year Average** |
| BS | Combined: BS in Computer Engineering,  BS in Electrical Engineering,  BS in Electrical Engineering & Physics | 363 | 347 | 59 | 82 |
| MS/ME | Combined: MS in Computer Engineering,  MS in Electrical Engineering,  ME in Engineering | 83 | 89 | 31 | 22 |
| PhD | Electrical and Computer Engineering | 71 | 64 | 14 | 7.4 |

**Changes Since Last Review**

* Curricular Revision: with Circuits and Systems Sequence and with Digital and Computer Systems. In addition, some requirements were changed so as to allow for increased technical electives. To help students make decisions about electives, the Department identified tracks within the major.
* Establishment of Research Centers, resulting in increase in research expenditures from under $4 million to over $10 million annually.
* Adoption of departmental bylaws.
* Establishment of four startup companies.
* Change in student population: decrease in undergraduate enrollment and increase in graduate enrollment.
* Introduction of Team Based Learning within the curriculum.

**Strategies or Plans for Improving Program**

* Hire new departmental leadership.
* Improve student recruitment, at undergraduate level.
* Strengthen the Industrial Advisory Board.
* Grow the international program.
* Seek funding for space upgrades and expansion.
* Extend Team Based Learning throughout the curriculum.

**Other Comments**

Click here if you wish to include additional comments about program.