MEMORANDUM OF UNDERSTANDING

To expand the educational opportunities of students enrolled in the Southern Illinois University (SIU) System by making available the widest possible variety of graduate curricular offerings while minimizing institutional costs, the College of Engineering at SIU Carbondale (SIUC) and the School of Engineering at SIU Edwardsville (SIUE) agree on the participation of the SIUE School of Engineering graduate students in the SIUC College of Engineering doctoral program in Engineering Science. The graduate faculty of the School of Engineering at SIUE and the College of Engineering at SIUC agree on the following terms and conditions.

This document, as well as the description and requirements of the Ph.D. degree program in Engineering Science, as listed in the graduate catalog, constitute the basis for post-master’s degree students at the SIUE School of Engineering to participate in the doctoral program in Engineering Science at SIUC.

1. The graduate faculty of the SIUE School of Engineering and the SIUC College of Engineering agree to cooperate in providing students the opportunity to pursue a Ph.D. in Engineering Science.

2. Admission: The requirements for admission to the Ph.D. in Engineering Science are listed on the College of Engineering website (www.engr.siu.edu) and printed in the SIUC graduate catalog. The Associate Dean of the School of Engineering – SIUE is the coordinator of the program at SIUE and an ad-hoc member of the PhD Committee at SIUC. The Associate Dean will evaluate applications of students admitted to SIUE, in association with the Dean of Graduate School, and administer a decision regarding eligibility of individual students. If the decision is to admit, the student’s application will be forwarded to the Associate Dean at SIUC, who serves as the Director of the Ph.D. Program. Applications will then be reviewed and a final decision to admit will be administered by the SIUC College of Engineering Ph.D. Committee in the same manner other students are admitted to SIUC’s program. The Computer Science program that is housed in the School of Engineering at SIUE is also a participant. An M.S. in Computer Science will be considered as a degree equivalent to an M.S. in engineering for admission purposes. The need for and nature of any remedial work required will be determined by the student’s Ph.D. committee.

3. SIUE School of Engineering faculty members, whether tenured or tenure track, who are interested in participating in the Engineering Science Ph.D. Program must have graduate faculty status at SIUC. Those interested in chairing candidacy or dissertation committees must have direct dissertation status as well. Participating SIUE faculty will be granted
regular graduate faculty status at SIUC by providing a resume to the SIUC Graduate School through the SIUC College of Engineering. An SIUE faculty requesting direct dissertation status must be a tenured associate or full professor and be approved by the SIUC Graduate School. Tenure-track assistant professors may also request direct dissertation status, consistent with approved criteria in the SIUC College of Engineering. SIUC engineering faculty desiring graduate faculty status at SIUE can do so by contacting the Associate Dean of the School of Engineering in cooperation with the SIUE Dean of Graduate School.

4. **Tuition and fees:** Southern Illinois University Board of Trustees’ policy regarding tuition and fees of cooperative graduate programs is incorporated herein and made part of the Memorandum. This policy is as follows: *for any semester in which a graduate student is concurrently enrolled in programs at both SIU at Carbondale and SIU at Edwardsville, the student may register for all such programs through one “home” campus and pay tuition and fees at the rates then applicable at that one campus. The other “receiving” campus shall not assess tuition or fees for programs located on its campus. If the student has a graduate assistantship or fellowship, the campus which awarded it shall be the home campus for that student; otherwise the student may elect which is to be the home campus.* In addition to this policy, the University teaching the courses in which the Program students are enrolled shall receive the credit hour production.

5. **Residency:** SIUE will be designated as an approved residence center by the SIUC Graduate School, making courses taken at SIUE applicable toward SIUC residency requirements for graduation.

6. **Courses:** The minimum course requirement in the Engineering Science Ph.D. Program is listed in the catalog and on the College of Engineering website (www.engr.siu.edu). Currently, the program requires 11 hours core (6 hours math, 2 hours seminar and 3 hrs engineering or science course), 15 hours concentration and 24 hours of dissertation work. No more than two courses can be at the 400 level. An SIUE student must complete at least 9 hours of the course work at SIUC, of which no more than 3 hours can be an independent study supervised by the Chair at SIUE and co-chair at SIUC. The remaining 17 hours of course work may be completed at SIUE. In addition, an SIUE student must register for 12 of the 24 hours of dissertation work at SIUC and for the remaining 12 hours at SIUE.

All graduate courses offered by the two Universities are to be reciprocally recognized as appropriate for application toward the doctoral degree within the requirements of the individual student’s program. The Ph.D. Committee at SIUC will examine the graduate course offerings at both
institutions to determine courses that could be cross listed in the graduate catalog. The institutions will facilitate course delivery via satellite, or similar means, to increase the number of offerings for students from both campuses and to minimize traveling.

7. Candidacy Exam: To become a Ph.D. candidate, an SIUE student will follow existing rules applied to all students in the Engineering Science Program. In addition, the Candidacy Exam Committee will be composed of at least three graduate faculty members consisting of the advisor of the student, along with at least one graduate faculty from each campus. It is recommended that these same faculty members serve also on the student’s PhD Committee.

8. Dissertation: A dissertation must be written under the direction or co-direction of the student’s dissertation advisor and approved by the student’s Ph.D. Committee. The Committee will be composed of at least six members: three graduate faculty from SIUE and three graduate faculty from SIUC, including a chair from SIUE and a co-chair from SIUC.

Signed by:

William Osborne, Dean
College of Engineering - SIUC

Hasan Sevim, Dean
School of Engineering - SIUE

Witnessed by:

John Koropchak
V.C. for Research and
Dean of Graduate School - SIUC

Stephen Hansen
Assoc. Provost for Research and
Dean of Graduate School - SIUE

Don Rice
Interim Provost - SIUC

Paul Ferguson
Provost – SIUE