ILLINOIS STATE
UNIVERSITY

University Curriculum Committee

Telephone: 309/438-3183
Campus Box 2202
101C Moulton Hall

October 31, 2007

TO: Daniel Holland, Chairperson, Academic Senate

FROM: Carlyn Morenus, Chair, University Curriculum Committee

RE: Executive Summary of Proposals from School of Information Technology

The University Curriculum Committee has approved and is forwarding for Academic Senate review the attached proposals to add three new sequences: General Computer Science Sequence and Enterprise Computing Engineering Sequence to the B.S. in Computer Science, and Integration of Enterprise Systems Sequence to the B.S. in Information Systems Program.

The School of Information Technology provided a brief but reasonable rationale for adding the Enterprise Computing Engineering Sequence, the Integration Enterprise Systems Sequence and the five new courses that will be required. "The study of the local and national IT business indicates that the current mainframe system programmers and system administrators are reaching retirement age and the demand for personnel to replace these employees will be high. In addition, study of global computing markets shows that mainframe use continues to rise. From both economic and business integration points of view, the number of integrated large-scale enterprise computing systems will continue to grow in both major corporations and in small to medium businesses."

Information Technology believes that establishment of the enterprise systems sequences will place ISU in a leading position in both education and research related to large-scale integrated multi-platform computing systems. ITK reportedly met with both local and regional company representatives (State Farm, Caterpillar, John Deere, Anheuser-Busch, and Allstate, to name a few) and they have indicated that they will support the program and hire its graduates. IBM has also offered support in terms of educational opportunities for faculty, equipment, and support in student recruiting and placement.

The third new sequence is actually the previous Major in Computer Science curriculum under the new title of General Computer Science Sequence. There are no changes to courses or program description and no impact on funding, staffing or library resources.

The University Curriculum Committee supports the proposals to add the new sequences.

Attachments