

Skills Infusion in Information Technology Education

David M. Hua
dhua@bsu.edu

Christopher B. Davison
cbdavison@bsu.edu

Vamsi K. Gondi
vkgondi@bsu.edu

Center for Information and Communication Sciences
Ball State University
Muncie, IN 47306, USA

Abstract

The rising cost of higher education has lead parents, employers, and politicians to question the need for a college degree. Skills Infusion is a professional development program in which faculty review a course they teach to identify the career readiness competencies defined by the National Association of Colleges and Employers (NACE). The NACE competencies are skills that are expected by employers across all sectors of the economy. In addition to describing the Skills Infusion program, a description of how an information technology undergraduate program is expanding on the program to incorporate skills mapping to provide further evidence of accountability in higher education.

Keywords: Career Readiness, Skills Mapping, Curriculum Mapping, Higher Education, Accountability