PROPOSAL TITLE: New Course proposal: Business Systems

Sponsor: Daniel J. McFarland, Ph.D.  E-Mail: mcfarland@rowan.edu  Ext: x5426

DEPARTMENT: Management & MIS

COLLEGE: College of Business

If Liberal Arts & Sciences CHECK: ___ History/Humanities  ___ Math/Sciences  ___ Social/Behavioral Sciences

___ UNDERGRADUATE  ___ GRADUATE

THE ATTACHED NON-GEN-ED PROPOSAL IS BEST DESCRIBED BY THE ITEM(s) CHECKED

___ New non-Gen-ed course  ___ Minor curricular changes (fewer than three), to:

___ Existing non-gen-ed course  ___ Non-gen-ed degree requirements

___ Major  ___ Minor specialization, concentration, track, certificate program

THE FOLLOWING SIGNATURES REPRESENT APPROVAL

Department Chair: [Signature]  Date: 10/5/04

Department Curriculum Chair: [Signature]  Date: 10/5/04

Academic Dean: [Signature]  Date: 10/6/04

COLLEGE CURRICULUM COMMITTEE

OPEN HEARING Date 11/3/04 Approved  ___ Not Approved  ___

COLLEGE CURRICULUM CHAIR: Manuel Ponti

Senate Curriculum Chair Signature: [Signature]  Date: Senate Announcement

Comments:

EXECUTIVE VICE PRESIDENT/PROVOST Signature: [Signature]  Date: 3/9/05

REGISTRAR

Date: 3/31/05  Course Description Received & Approved by Reg's Taxonomy & Course #: 0702330

Registrar Signature: [Signature]

NOTIFICATION FORWARD

___ SCC Chair  ___ Academic Dean  ___ Department Chair  ___ Registrar  ___ IR  ___ CAP

___ VP Student Affairs  ___ Others
Rowan University
CURRICULUM PROPOSAL
LIBRARY RESOURCE FORM

The purpose of this form is to provide a channel of communication between the library and faculty changing and designing new courses/programs. The information will be used to assess the resources available in the library, and to identify resources the library should acquire to support the course/program. The information will also provide rationale for institutional support for library acquisitions. This form should be completed in a coordinated effort between the course sponsor(s) and the academic department liaison librarian. This form must be completed for all curriculum proposals.

- The sponsor(s) complete parts A & B
  If assistance is required to complete parts A & B, please notify the liaison librarian.

- Forward this form to the librarian who will complete parts C, D & E

This form must be completed and attached to the original curriculum proposal before being approved by the Senate Curriculum Committee

A. College __ College of Business Department __ Management & MIS

   Proposed by: Daniel J. McFarland, Ph.D. Date: August 27, 2004

   Course Title: __ Business SYSTEMS

   Anticipated Date for Course/Program Offering: __ Fall 2005

B. List specific resources that should be acquired to support this course.

   None.

C. Describe the resources available in the library to support this course/program, including reference, monographic, electronic databases, audio-visual materials, etc. A summary statement is sufficient.


D. List key periodicals available in the library to support this course/program.

   None. Too many to list.

E. Librarian comments and recommendations

   See attached notes.

Name: LIBRARIAN LIAISON __ Connie Rosenberg Librarian Signature: __ Connie Rosenberg


NEW COURSE PROPOSAL:
BUSINESS SYSTEMS

Details

a. Course Title: Business Systems

b. Hegis Number: 0702.3xx

c. Sponsor(s): Dan McFarland

d. Credit Hours: 3 s.h.

e. Course Level: Undergraduate Junior 300 level

f. Prerequisites:

   a. Completion of 57 s.h. as a Business Administration (0501) or Accounting Major (0503)

g. Suggested time and scale of implementation: The course will be offered for the first time fall 2005, and will be offered every fall semester.

Curricular Effect


Offerings: This proposal will have no impact on other departments and colleges within the University.

Adequacy: Current faculty members are qualified to teach this course.

Recommended Library Resources: The existing library holdings and online databases will satisfy the library requirements for the proposed course.

Short-term Evaluations: Not applicable.
Rationale

The Management and MIS department is committed to improving the educational experience of students through the process of continuous improvement and outside verification of progress. As such, the MIS faculty are preparing to apply for the newly established ABET accreditation in IS. To earn this accreditation, the MIS curriculum must satisfy the learning objectives of an accepted, standardized curriculum model. There is only one standardized MIS curriculum model namely, the IS 2002 Model. This course proposal is designed to partially satisfy the IS 2002 Model learning objectives.

Essence of the Course

a. Objectives of the course in relation to student outcomes:

In today’s business organizations fewer people are being asked to use and support an ever-increasing complement of business systems. As such, organizational members are less familiar with the solutions they are using and MIS department members must support and administer a vast variety of solutions. This course is designed to introduce business students to the terminology and administrative issues that arise when simultaneously managing multiple systems in a business environment. Students must demonstrate effective communications and a clear understanding of the organizational implications when working with each of the business disciplines when supporting and administering systems.

b. Topical Outline/Content:

- Demonstrate understanding of application design documentation.
- Describe how the organizational processes, physical systems, and work flows interact
- Describe information systems concepts relating to quality, future growth, and flexibility
- Describe the concepts of managing an information system within an organization
- Understand the objectives and organizational implications of the various types of business systems
- Demonstrate diagnostic skills in solving client issues (including a working knowledge of the common operating systems, common hardware components/failures, common communication devices, common application development environments)

c. Evaluation of students and grading procedure:

Student grades will include an assessment of lab assignments, writing projects, group project work, and examination materials including:

- Reflective and critical self-assessment of work assignments, projects, and accomplishments
- An assessment regarding the degree to which each student meets work assignment objectives and requirements
- Performance on quizzes and course examinations
- A critical assessment of peer evaluations
- Class participation, contributions, and preparedness
d. Course Evaluation:

Course evaluation will be consistent with practices in the Management/MIS Department and the College of Business. Student evaluations will be administered each semester. Additionally, the MIS academic program review, which is conducted each year, looks at the value of each course in relation to student learning objectives and in conjunction with student results on the standardized MIS specialization assessment instrument.

Results of Consultations

From: Jennifer Kay <kay@elvis.rowan.edu>
To: ROWANDOM.GWIA."harper@rowan.edu", ROWANDOM.GWIA."Rasu@rowan.edu", ROWANDOM.GWIA."mcfarland@rowan.edu", ROWANDOM.GWIA."Fleming@rowan.edu", ROWANDOM.GWIA."baliga@rowan.edu", ROWANDOM.GWIA."Amer@rowan.edu", ROWANDOM.GWIA."nlt@elvis.rowan.edu", ROWANDOM.GWIA."hartley@elvis.rowan.edu", ROWANDOM.GWIA."hamilton@rowan.edu"

Date: Wednesday - October 6, 2004 2:01 PM

Subject: Consultation for MIS program

To: Bob Fleming, Chair, Management/MIS Department
From: Computer Science Curriculum Committee
Re: MIS major curriculum proposal

Thank you for giving the Computer Science Department the opportunity to review and comment on the following proposals:

-- New Course: Business Systems
-- New Course: Business Web Applications
-- New Course: Project Management
-- New Course: MIS Capstone Experience
-- Change in Math/Science Gen Ed Requirements for Business Administration Major
-- Change in Prereqs, Name, Hegls, and Description for Information Systems Planning and Network Management
-- Change in Prereqs for Management Information Systems
-- Change in Prereqs for Design of Database Systems
-- Change in Prerequisites and Hegls Number for Advanced Database Management
-- Change in Prerequisites for Seminar in MIS
-- Change in Prerequisites for E-Business: IS Perspective
-- Major Curricular Change, Change in Required Courses and Restricted Electives for MIS Specialization.

We support these proposals.

We understand that there is no accreditation in MIS available, and therefore you have decided to apply for accreditation in Information Systems which falls under the "Computing" area of the Accreditation Board for Engineering and Technology. It is our belief that you should further increase the number of Computer Science courses in the MIS specialization beyond simply Business Programming 1 and 2 in order to support your accreditation, but we recognize that you prefer not to do so at this time.

While we support your application for accreditation, we would NOT be supportive of a change in the name of your department or degree to Information Systems. We believe that a degree in Information Systems should be a joint program of both Computer Science and Management / MIS.

--

Jennifer Kay, Chair
Rowan University
Computer Science Department
203 Mullica Hill Road
Glassboro, NJ 08028

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voice: 856-256-4806
fax: 856-256-4741
web: http://www.rowan.edu/~kay/
Catalog Description

Business Systems – Fall semester only
Hegis Number: 0702.3xx

Prerequisites:
   a. Completion of 57 s.h. as a Business Administration (0501) or Accounting Major (0503)

This course is designed to introduce business students to the terminology and administrative issues that arise when simultaneously managing multiple systems in a business environment. Students must demonstrate effective communications and a clear understanding of the organization implications when working with each of the business disciplines when supporting and administering systems.
Additional Library Resources in Support of Business Technology

ACM Digital Library, put out by the Assoc. for Computing Machinery, is a collection of citations and full-text ACM journal and newsletter articles and conference proceedings.

Science Direct is the online resource covering the vast majority of Elsevier publications. These publications can be searched broadly or by smaller subject-focused coverage, such as Business, Management & Accounting, Computer Sciences, and Decision Sciences. Below I have pasted the resulting search page when one chooses to search the Decision Sciences titles:

Select a Subject Area: Decision Sciences

Go to the general ScienceDirect Home Page

Decision Sciences Subject Area

Browse Decision Sciences journals

More information on the Decision Sciences Journals

4 of the top 6
4 of the 6 journals with the highest Impact Factor in the category Operation Research and Management Science* are available on ScienceDirect

No. 1 Impact Factor 1.795
Journal of Operations Management

No. 3 Impact Factor 1.316
Decision Support Systems

No. 5 Impact Factor 1.248
Systems & Control Letters

Top 20 requested articles of each of the Decision Sciences journals

Recently Published Special Issues

Selected papers of the 29th. International Conference on Computers and Industrial Engineering
Computers & Industrial Engineering

Data mining for financial decision making
Decision Support Systems

Smooth and Nonsmooth Optimization
European Journal of Operational Research

Methodological Foundations of Multi-Criteria Decision Making
European Journal of Operational Research

Supply Chain Management: Theory and Applications
European Journal of Operational Research

Investment and Risk
International Journal of Production Economics
IEEE: Though first considered an electrical engineering resource, these publications also cover much in the computer science field, providing detailed articles for MIS studies.

Applied Science & Technology: ex. Ran a search on decision support systems and got almost 10,000 peer-reviewed journal articles.

Emerald
Faison, Christy

From: Rosenberger, Romine B.
Sent: Wednesday, March 09, 2005 8:32 AM
To: Faison, Christy; McFarland, Daniel J.
Subject: SCC 04-05-109 and SCC 04-05-116 : library resources

Looking at the scope of these two proposals, I believe that our current resources will more than adequately support the research and general reading required in these two courses.

The purpose of the attached notes to the original proposals was to advise involved faculty of other resources that may not have been considered when envisioning the new classes.

Connie Rosenberger
Business Librarian
x4642
Dan
The Marketing Department supports your course proposals. The hegis number for Principles of Marketing is 200 level, as pointed out by Manny.

Berhe Habte-Giorgis
Chair, Department of Marketing