Purdue University
Request for Addition, Expiration, or Revision of an Undergraduate Course
(100-400 Level)

Computer and Electrical Engineering Technology & Information Systems and Technology

Effective Session: Fall / 2010

Instructions: Please check the items below which describe the purpose of this request:

- New course with supporting documents
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit/type
- Change in course attributes (department head signature only)
- Change in instructional hours
- Change in course description
- Change in course requisites
- Change in semesters offered (department head signature only)
- Transfer from one department to another

Proposed:

Subject Abbreviation: IST
Course Number: 270
Long Title: Data and Information Management
Short Title: Data and Information Management

Existing:

Subject Abbreviation
Course Number

Terms Offered:

Check All That Apply:
- Summer
- Fall
- Spring

Campus(es) Involved:

- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis
- N. Central
- Tech State
- W. Lafayette

Credit Type

Course Attributes: Check All That Apply

1. Fixed Credit Cr. Hrs.: 3.0
2. Variable Credit Range:
   - Minimum Cr. Hrs.
   - Maximum Cr. Hrs.
3. Equivalent Credit: Yes
4. Thesis Credit: Yes

Instructional Type

Lecture
Reception
Presentation
Laboratory
Lab Prep
Studio
Distance
Clinic
Experiential
Research
Ind Study
Field/Observe

Minutes Per Min
Meetings Per Week
Weeks Offered
% of Credit Allocated
Delivery Method (Asyn. Or Syn.)
Delivery Medium (Audio, Internet, Live, Test-Based, Video)

Cross-Listed Courses

Course Description (Include Prerequisites):

P: IST 160. This course provides the students with an introduction to the core concepts in data and Information management. It is centered around the core skills of identifying organizational information requirements, modeling them using conceptual data modeling techniques, converting the conceptual data models into relational data models and verifying its structural characteristics with normalization techniques, and implementing and utilizing a relational database using a database management system. This course will also include coverage of basic database administration tasks, how large-scale packaged systems are highly dependent on the use of a Database Management System (DBMS) and data and Information management technologies.

Calumet Department Head
Date

Calumet School Dean
Date

Ft. Wayne Department Head
Date

Ft. Wayne School Dean
Date

Indianapolis Department Head
Date

Indianapolis School Dean
Date

North Central Department Head
Date

North Central Chancellor
Date

West Lafayette Department Head
Date

West Lafayette College/School Dean
Date

West Lafayette Registrar
Date

Office of the Registrar