IRLS470 Database Development and Management

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COURSE NAME, NUMBER AND PREREQUISITES:

[This is a distributed elective course in the Information Technology distribution. Prerequisite: IRLS 504 or consent of the instructor.]

Ed Xia is going to teach this course in Summer 10.

Please see Ed's syllabus at http://sbs.arizona.edu/~mica/class/

COURSE DESCRIPTION:

DATABASE DEVELOPMENT AND MANAGEMENT (3 credits)

This course is designed to help students develop a basic understanding of modern database management systems. It covers theory, methods, and techniques widely used today to design and develop a relational database system. The course emphasizes the applications of fundamental database principles in a stand-alone database environment using MS Access on the Windows platform and MySQL in the Linux platform. The course takes a problem-based learning approach through ample hands-on exercises to prepare the student for designing and utilizing real world database systems.

COURSE OBJECTIVES:

This course is committed to facilitating students' development of the following competencies.

- Basic concepts, terminology, literature, and issues related to the creation, organization, management, access and use of knowledge and information;
- Current information and communication technologies and related technological developments and their effects on resources and services in libraries, information
- Theories of library and information science and an ability to apply them to practical problems;
- Principles involved in organization and representation of information;
- roles of library and information professionals, such as instruction; intermediation, and design, provision, and evaluation of services; and
- planning, management, and evaluation of information services.

REQUIRED COURSE MATERIALS:

Refer to the syllabus on my website
COURSE REQUIREMENTS:
Refer to the syllabus on my website

COURSE, SCHOOL, AND UNIVERSITY POLICIES:

Academic Code of Integrity

Students are expected to abide by The University of Arizona Code of Academic Integrity. 'The guiding principle of academic integrity is that a student's submitted work must be the student's own.' If you have any questions regarding what is acceptable practice under this Code, please ask an Instructor.

Accommodating Disabilities

The University has a Disability Resource Center. If you anticipate the need for reasonable accommodations to meet the requirements of this course, you must register with the Disability Resource Center and request that the DRC send me, the Instructor, official notification of your accommodation needs as soon as possible. Please plan to meet with me by appointment or during office hours to discuss accommodations and how my course requirements and activities may impact your ability to fully participate.

Assignment Policies

Refer to the syllabus on my website

Incompletes

The current Catalog reads

The grade of I may be awarded only at the end of a term, when all but a minor portion of the course work has been satisfactorily completed. The grade of I is not to be awarded in place of a failing grade or when the student is expected to repeat the course; in such a case, a grade other than I must be assigned. Students should make arrangements with the instructor to receive an incomplete grade before the end of the term ...

If the incomplete is not removed by the instructor within one year the I grade will revert to a failing grade.

GRADING:

Refer to the syllabus on my website

INSTRUCTOR NAME AND CONTACT ADDRESSES:

Ed Xia

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Syllabi

- Fall 11
  - Summer 2011
  - Spring 11
  - Fall 10
- Summer 10
  - IRLS470 Database Development and Management
    - Clone of IRLS672 Introduction to Applied Technology (Summer 2010)
    - IRLS488/588 The Digital Revolution
    - IRLS520 Ethics for Library and Information Professionals (Summer 2010)
    - IRLS521 Children's and Young Adult Literature in A Multicultural Society
    - IRLS524-010 INFORMATION RESOURCES & SERVICES
    - IRLS541-001 Preservation
    - IRLS556 Health Information in Ethnic-Cultural Communities
    - IRLS556 Health Information in Ethnic-Cultural Communities
    - IRLS564 THE ORGANIZATION AND ADMINISTRATION OF A CORPORATE LIBRARY
    - IRLS570 Database Development and Management
    - IRLS571-010 Introduction to Information Technology (Smith-Summer 2010-Draft)
    - IRLS582 - 002 : Young Adults and Public Libraries
    - IRLS588 Information Resources: Instructional Programs in Academic Libraries
    - IRLS588-011: Cultural Influences on Information Systems
    - IRLS640 - Advanced Archives
    - IRLS651: Information Policy & Cultural Perspectives
    - IRLS660 Business Information Sources
    - IRLS672 Introduction to Applied Technology (Summer 2010)
- Winter 10-11
  - Spring 10
  - Winter 09 10
  - Fall 09
  - Summer 09
  - Spring 09
  - Winter 08 09
  - Fall 08
  - Archive of Old Syllabi

- Schedules
  - Core Courses
  - Course Delivery Options
  - Course Descriptions
  - Distributed Electives
  - Individual Studies: Internships, Independent Studies & Practica
  - Registration
  - Required first course: IRLS504
  - Suggested Courses by Specialization
  - Suggested Out of Department Courses
  - Workload

Guided exploration
Related categories

Course: IRLS470
People: Adjunct Faculty » Xia
Semester: Summer 10