CS 44800
Introduction To Relational Database Systems

Instructor: Siarhei Bykau
Spring 2015

Instructor

Instructor: Siarhei (Sergey) Bykau

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TAs

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Course Information

- Web page:
  - https://www.cs.purdue.edu/homes/sbykau/cs448/
  - Slides, Project, Assignments, Solution
- Q&A on Piazza:
  - http://piazza.com/purdue/spring2015/cs44800

Course Desciption

Foundamentals:
- database design
- relational model
- relational algebra
- SQL

Internals:
- storage and indexing
- query evaluation
- transaction management
- concurency and recovery

Advanced:
- intergrity management
- database security
- data warehousing
- data mining
- data integration
- TBD

Prerequisites

- Algorithms and Data Structures
- Operating Systems (I/Os)
- Java

Textbook

- Database Management Systems
    - Raghu Ramakrishnan and Johannes Gehrke
    - Third Edition
    - McGraw Hill
    - ISBN: 0-07-246563-8

Grading Policy

- Written Assignments 20%

- Programming Projects 40%

- Mid-term Exam 20%

- Final Exam 20%

- Class Participation 5% (Extra Credit)

Course Policy

- NO CHEATING

- NO LATE SUBMISSIONS

- NO EXTENSIONS

- Exception only for Documented Medical Reasons or Family emergency

- The full course policy is available at

  http://spaf.cerias.purdue.edu/cpolicy.html

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