Principles Of Database Systems

Course Number: CSGY 6083
Section Number: B
Semester: Fall - 2023
Dates: 09/09/2023 -- 12/16/2023

Day: Saturday
Time: 11:00 AM to 1:30 PM EST/EDT
Location: In-Person
NYU – JAB (Jacob Academic Bldg.), Room# 474,
6 Metrotech Center, Brooklyn, NY

Professor : Amit Patel
MS, PMP®, OCP®
Email: asp13@nyu.edu

THE COURSE OVERVIEW

- **Introduction**

- **Basic Class Rules**

- **Class Participation**

- **Class Format**

  - **Homework assignments**

  - **Midterm and Final exam**

  - **Group Project(in group of Three students)**

- **Brightspace Course Website**

- **Software Installation**

- **Grading**

- **Important Tips for course success: DO and DON'T**

Grading Policy:

Class Participation: 10%

Four Problem sets (each 5%): 20%.

Project: 30%. (Project Part 1 and Part 2, each 15%)

Midterm exam: 20%. Final exam: 20%. [review syllabus for tentative dates]

Assignment guidelines:

- **All assignments (whether graded or ungraded) are mandatory. Students are required to participate in discussion forums for collaborative and peer-to-peer learning.**

- **Participation 10% will be counted for:**
    - **All ungraded assignments**
    - **Effective class interactions**
    - **Active participation to 'Ask TAs and Professor' discussion form**
    - **NO lateness towards assignment submissions**

- **All assignments must be submitted to NYU Brightspace Course website as instructed, on or before assignment deadlines. NO assignment submission will be accepted by email.**

- **For each day in assignment submission delay beyond the deadline, there will be 10% of score deduction penalty.**

Text Book

Database System Concepts, 7th Edison
Silberschatz, H. Korth, S. Sudarshan
McGraw-Hill, 2019
ISBN-10:0073523321   ISBN-13: 9780073523323

Suggested Software:

- **Oracle Data Modeler**
- **Oracle Virtual Machine and Oracle Database**
- **XAMPP**
  (for MySQL database, Apache service, PHP development)
- **MySQL Workbench**

Please refer to "Software Installation" content menu on course website for more details.

Useful tips for great success!:

DO

- **Attend all classes and arrive timely. Be well organized.**

- **Come prepared for the class. Class presentation and other materials (if any) will be posted to course website a week before each class**

- **Verify your submission before posting and submit it before due dates. Review assignments and instructions at the earliest to clarify any doubts at it, if any.**

- **Pay your full attention to the class discussions and all instructions.**

- **Engage and participate effectively in group project**

Useful tips for great success!:

DO

- **Feel free and brave asking/answering questions. Every Q/A is much appreciated, whether correct/inaccurate/incorrect**

- **For all email communication must mention "CSGY-6083-B F23" in subject line, and must CC to all CAs and Professor**

- **For project related emails, CC to project partners, CAs, and Professor**

- **If you are not having programming skill, start learning any of programming language (PHP (recommended) or Java or Python or web framework such as Django)**

- **Course Assistants are the excellent resources at your help. Please make the best use of them by reaching out their office hours. Course assistants and their office hours are listed under "Course Assistants" content menu on the course website.**

Thrive to achieve excellence than just meeting expectations. Be at better control of your grades and learning outcome!.

- **Useful tips for great success!:**

- **DO NOT**
  - **Shy to ask questions, clarify doubts, clear confusions**
  - **Wait until last day of the submissions**
  - **Ignore emails/announcement/messages from NYU Brightspace course website**
  - **Copy or share your assignments**

- **BOTTOM LINE**
Any copy or plagiarism of any kind will NOT be graded, and all involved at such will have ZERO points for the entire assignment and may be reported to the department as needed.

Make the best effective use of the forum "Ask CAs and Professor" to post questions and answers. Use it as collaboration tool.

In all Email communication mention CSGY-6083-B F23 in subject line, else you may not get reply back.

Review assignment instructions carefully as early as possible when announced and ask questions if any at the forum at the earliest. Do not wait to submit assignment until the last day of deadline.