## Course Information Sheet

**New Course Revision  Deactivate Course  Reactivate Course**

**A.** Offered At: SCC  SFCC  ABE

**B.** Continuous Enrollment:  Yes  No

**C.** Course Title: Database Theory

**D.** Prefix and Course Number: IS260

**E.** Number of Credits: 5

**F.** Hours: Lecture 55 Lab 1cr=22hrs Clinical 1cr=33hrs Other

**G.** Type of Course (Select One):  Liberal Arts  Professional/Technical  Other Explain Here

**H.** Proposed Transferability Status:  AA Distribution Area: Choose an area.  Electives:  Generally Transferable Restrictive

Other: Click here to enter text.  N/A

**I.** Is this course to be considered a repeat of a previous course?  Yes  No

If yes, which course? Click here to enter text.

**J.** Workload Category: A- 15 hrs

**K.** CIP Code: 11.1001 Program Code: CSSITAPT

**L.** Workplace Training:  Yes  No

**M.** Catalog Course Description: **This course serves as a foundation for working with all types of databases. It reviews what a database is and moves into the various database models such as hierarchical, network, relational, entity, NOSQL and object oriented. It also covers design concepts, SQL, normalization and database administration. In this course students will have hands-on labs that use industry standard software and technique to design, build and use a database. Prerequisite: IS165 with a minimum 2.0 GPA.**

**N.** Prerequisites: IS165 with a 2.0 minimum GPA.

**O.** Concurrent Enrollment: Click here to enter text.

**P.** Program Title: AAS Information Technology

Q. Do other programs require this course? YES NO (If yes, please list below in comments)

R. Version Date: 1/15/2021 S. Requested Implementation Date: Fall 2021

T. Comments: This is an update to add a prerequisite and include mention of hands-on labs.

U. Department Chair: Brady Nielsen V. Dean: Sarah Martin

Vice President: *Jim Brady* Date Approved: Click or tap to enter a date.