DO NOT TYPE IN THIS BOX

Bulletin # : _____

Academic Year : _____

FLORIDA INTERNATIONAL UNIVERSITY
UNIVERSITY CURRICULUM COMMITTEE
Proposal for a New Course

1. **School/College** Engineering and Computing

   Div./Dept. in Which Taught School of Computing and Information Sciences

2. | Alpha Prefix | 1st Digit | Last 3 Digits | "C"-lec-lab "L"-Lab | Cr. Hrs. |
   |---|---|---|---|---|
   | CGS | 1 | | | |

   CIP Code ***(Leave this blank):*** _____

3. **Grading Method (select one):** ☒ Graded ☐ Pass/Fail

4a. **Course Title** Introduction to Databases for Cybersecurity

b. **Abbreviated course Title** ***(for computer class schedules, transcripts)*** Intro Database CyberSec

LIMITED TO 25 Characters *(including spaces)*

5. **Statewide Course Numbering Subject Matter Area** Computer General Studies

6. **Catalog Description/Major Topics** *(not to exceed 200 characters including spaces)*

College of Medicine and College of Law: Attach description not exceeding 1,000 characters including spaces.

Introduction to database concepts including query languages, data organization and modeling, architecture, and security. Emphasis on relational databases with SQL. Not acceptable for CS majors.

7. **Attach detailed syllabus course outline and course justification on separate page(s).**
8. **Prerequisite(s):** None
9. **Corequisite(s):** _____
10. **Objective(s) of Course:**

Students will understand:
What a DBMS and database are,
How to develop and analyze databases,
How to maintain and update databases,
How to query database(s) securely.

11. **Does this course duplicate/overlap other courses at FIU?** ☐ No ☒ Yes

If yes, please explain: CGS-2100 doesn't cover databases adequately for Cybersecurity majors. A major component of CGS-2100 is about spreadsheets which is not relevant for Cybersecurity.

12. **What other closely related department(s) have been consulted about this course?**

_____

13. **Is this course used for the assessment of a program or a certificate (if yes, then send a notification to assessment@fiu.edu)? No Yes**

PROPOSAL REQUESTED BY:

Faculty Contact Nagarajan Prabakar _____ / _____ / 20 19
(Type name) **(Signature)**

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(Email address) **(Phone number)**

Chairperson (Dept./Div.) S.S. Iyengar _____ / _____ / 20 19
(Type name) **(Signature)**

Chairperson (Curr. Comm.) Wei-Chiang Lin _____ / _____ / 20 19
(Type name) **(Signature)**

College/School Dean John Volakis _____ / _____ / 20 19
(Type name) **(Signature)**

Submit one original form. Attach one copy of the course justification and course syllabus, course description, objectives, major topics and textbooks.