

CSCE 205 - Business Applications Programming Credit Hours: 3 hours

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Contact Hours: 3 lecture hours

Instructor: Dr. C. Brown

Required Textbooks: None.

Bulletin Description: Introduction to computer applications in business. Programming exercises in COBOL.

Prerequisites: MGSC 290 or CSCE 101 or above

Required Course in CIS

Learning Outcomes: Students will be able to:

1. Code and compile COBOL programs with no syntax errors
2. Use coding techniques commonly used to solve routine business problems
3. Analyze program specifications and design accurate and efficient COBOL programs to meet those specifications

Student (Program) Outcomes addressed by course (Detailed mappings of these course outcomes to the Student Outcomes of the programs are in the detailed syllabus and the Assessment plan.)

Student Program Outcomes	SOs supported	SOs Moderately supported
Computer Engineering		
Computer Information Systems	b, c, IS-j	
Computer Science		

Topics covered and approximate weight:

1. COBOL and the program development process
2. Identification, Environment, and Data Divisions
3. Procedure Division (3 hours)
4. Control structures (6 hours)
5. User interfaces (report design) (5 hours)
6. Validation and verification (5 hours)
7. Arrays and tables (3 hours)
8. Master/transaction file processing (6 hours)
9. Program management (1 hours)