Curriculum Committee

New Course Proposal

FLORIDA SOUTHWESTERN STATE COLLEGE

School or Division	School of Business and Technology
Program or Certificate	AS in Business Analytics
Proposed by (faculty only)	William Van Glabek, Dr. Mary Myers
Presenter (faculty only)	William Van Glabek

Note that the presenter (faculty) listed above must be present at the Curriculum Committee meeting or the proposal will be returned to the School or Division and must be submitted for a later date.

Submission date	10/10/2020
Course prefix, number, and title	ISM2200C Applied Business Analytics

All Curriculum proposals require approval of the Curriculum Committee and the Provost. Final approval or denial of a proposal is reflected on the completed and signed proposal.

☐ Approve   ☐ Do Not Approve

Curriculum Committee Chair Signature   _Date_

☐ Approve   ☐ Do Not Approve

Provost Signature   _Date_

All Curriculum proposals require review by the Office of Accountability & Effectiveness.

☐ Reviewed

Office of Accountability & Effectiveness Signature   _Date_

Section I, Important Dates and Endorsements Required

NOTE: Course and Program changes must be submitted by the dates listed on the published Curriculum Committee Calendar. Exceptions to the published submission deadlines must receive prior approval from the Provost' Office.

Term in which approved action will take place	Fall 2021
Provide an explanation below for the requested exception to the effective **date.**	

Any exceptions to the term start date requires the signatures of the Academic Dean and Provost prior to submission to the Dropbox.		
Dean	**Signature**	**Date**
Provost	**Signature**	**Date**

Required Endorsements	Type in Name	Select Date
Department Chair or Program Coordinator/Director	Dr. Jennifer Patterson	10/10/2020
Academic Dean or Provost	Dr. Debbie Psihountas	10/10/2020

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided). William Van Glabek, Dr. Jennifer Patterson, Dr. Timothy Lucas, Dr. Mary Myers
William Van Glabek, Dr. Jennifer Patterson, Dr. Timothy Lucas

Has the Libraries' Collection Manager been contacted about the new course and discussed potential impacts to the libraries' collections?
Yes, Bill Shuluk has been contacted. The impact of this course will not negatively impact the library.

Section II, New Course Information (must complete all items)

List course prerequisite(s) and minimum grade(s) (must include minimum grade if higher than a "D").	**CGS1100 with a grade of C or better.**
Provide justification for the proposed prerequisite(s).	Students need the fundamental word processing, spreadsheet, and database skills before taking this course. CGS1100 introduces them to database concepts and affords them the opportunity to practice using database tools.
Will students be taking any of the prerequisites listed for this course in different parts of the same term (ex. Term A and Term B)?	No
List course co-requisites.	
Provide justification for the proposed co-requisite(s).	
Is any co-requisite for this course listed as a co-requisite on its paired course? (Ex. CHM 2032 is a co-requisite for CHM 2032L, and CHM 2032L is a co-requisite for CHM 2032)	No
Course credits or clock hours	3
Contact hours (faculty load)	3
Are the Contact hours different from the credit/lecture/lab hours?	No
Select grade mode	Standard Grading (A, B, C, D, F)
Credit type	College Credit
Possible Delivery Types (Online, Blended, On Campus)	Online, Blended, On Campus, Flex
Course description (provide below)	
This course provides a foundation for students to understand and apply the core principles and tools of a relational database. This combination of knowledge and skills will allow students to create tables, manage data within those tables, and create customized reports derived from data stored in relational databases.	

General topic outline (type in outline below)
- Design and create Relational databases   - Create and execute SQL statements   - Create business reports and analyses   - Utilize Data mining to create predictive models

Learning Outcomes: For information purposes only.

IV. Course Competencies, Learning Outcomes and Objectives

A. General Education Competencies and Course Outcomes

1. Integral *General Education Competency or competencies*:

General Education Competency: **Evaluate**
  Course Outcomes or Objectives Supporting the General Education Competency Selected:
- Use SQL functions to retrieve data from multiple tables and report aggregated data

General Education Competency: **Think**
  Course Outcomes or Objectives Supporting the General Education Competency Selected:
- Explain how data mining is used in business

B. Other Course Objectives/Standards
- Retrieve, restrict, and sort data from different data sources
- Create and maintain database objects such as tables, queries, forms, and reports
- Use SQL functions to retrieve data from multiple tables and report aggregated data
- Create complex subqueries
- Use databases to create predictive models
- Explain how data mining is used in business

Copy and Paste the SCNS Course Profile Description below (http://scns.fldoe.org/scns/public/pb_index.jsp).

Discipline
139-MANAGEMENT
Discipline Definition
COURSES IN THIS AREA INCLUDE THOSE IN ORGANIZATIONAL THEORY, HUMAN RESOURCES, LABOR/INDUSTRIAL RELATIONS, OPERATIONS/SUPPLY CHAIN MANAGEMENT, INFORMATION SYSTEMS, STRATEGIC PLANNING, APPLIED AND SMALL BUSINESS MANAGEMENT.
Prefix
ISM-INFORMATION SYSTEMS MANAGEMENT
Prefix Definition
AN INSTRUCTIONAL PROGRAM OF COURSES DESIGNED TO PREPARE A PROFESSIONAL IN THE FIELD OF INFORMATION SYSTEMS MANAGEMENT. COURSES IN THIS FIELD INVOLVE THE MANAGEMENT AND USE OF INFORMATION SERVICES FOR THE MANAGEMENT OF BUSINESS ORGANIZATIONS.
Century Title
200-299-SYSTEMS DEVELOPMENT TECHNOLOGIES
Decade Title
200-209-DATA STRUCTURES & FILE PROCESSING IN BUSINESS
StateWide Course
ISM 200-APPLIED BUSINESS ANALYTICS
Status

RESERVED
Transfer
GUARANTEED TRANSFER TO INSTITUTION OFFERING SAME COURSE.
Course Intent
LOWER
Prerequisites
NONE
Corequisites
NONE
Profile Description
THIS COURSE IS PROVIDES A FOUNDATION FOR STUDENTS TO UNDERSTAND AND APPLY THE CORE
PRINCIPLES AND TOOLS OF A RELATIONAL DATABASE. THIS COMBINATION OF KNOWLEDGE AND SKILLS
WILL ALLOW STUDENTS TO CREATE TABLES, MANAGE DATA WITHIN THOSE TABLES, AND CREATE
CUSTOMIZED REPORTS DERIVED FROM DATA STORED IN RELATIONAL DATABASES.

ICS code for this course	ADVANCED AND PROFESSIONAL - 1.15.05 - BUSINESS AND MANAGEMENT
Institutional Reporting Code	11505 BUSINESS AND MANAGEMENT
Degree Attributes	AA - AA COURSE
Degree Attributes (if needed)	Choose an item.
Degree Attributes (if needed)	Choose an item.
Degree Attributes (if needed)	Choose an item.
Should any major restriction(s) be listed on this course? If so, select "yes" and list the appropriate major restriction code(s) or select "no".	No List applicable major restriction codes
Is the course an "International or Diversity Focus" course?	No, not International or Diversity Focus
Is the course a General Education course?	No
Is the course a Writing Intensive course?	No
If Replacing a course, combining a Lecture/Lab or splitting a C course – Is there a course equivalency?	
Is the course repeatable*? (A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3 credit hour course can be repeated 1 time and a student can earn a maximum of 6 credits). *Not the same as Multiple Attempts or Grade Forgiveness	No If repeatable, list maximum number of credits
Do you expect to offer this course three times or less (experimental)?	No

Impact of Course Proposal	
Will this new course proposal impact other courses, programs, departments, or budgets?	Yes
If the answer to the question above is "yes", list the impact on other courses, programs, or budgets?	CGS 1100
Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below. Discussed with department chairs within SoBT	

Catalog Search

Search Options

Choose search locations to narrow or expand your search.

Enter a keyword or phrase

"ISM2200C"

☐ Find whole word or phrase only.

Search

Search Locations
- ☑ Courses [Show prefix list.]
- ☑ Programs
- ☑ Florida SouthWestern State College
- ☑ Policies and Other Non-Academic Content

Search Results

Sorting: Alphabetical | **Ranked**

Courses - Prefix/Code Matches

No matches.

Courses - Keyword/Phrase Matches

Results for any term in '"**ISM2200C**"'.

No matches.

Programs - Keyword/Phrase Matches

Results for any term in '"**ISM2200C**"'.

No matches.

Florida SouthWestern State College - Keyword/Phrase Matches

Results for any term in '"**ISM2200C**"'.

No matches.

Policies and Other Non-Academic Content - Keyword/Phrase Matches

Results for any term in '"**ISM2200C**"'.

No matches.

Search Results

No results found.

Section III, Justification for proposal

Provide justification (below) for this proposed curriculum action.
This course is part of the proposed AS in Business Analytics. The field of business analytics is expected to grow 10% in the next 10 years. There are currently numerous employment opportunities in SWFL at Lee Health, Lee County, Collier County, and Arthrex. The average annual wage in business analytics is $95,560. This degree provides the student an opportunity to branch out into the various fields of business analytics: Corporate, Government, Health, & Finance.