Curriculum Committee

New Course Proposal

School or Division	School of Business and Technology
Program or Certificate	Business Analytics AS
Proposed by (faculty only)	William Van Glabek
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	QMB 2100 Business Statistics

Section I: Important Dates and Endorsements

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.**	
Type in the explanation for exception.	

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. Tim Lucas
Has the Libraries' Collection Manager been contacted about the new course and discussed potential impacts to the libraries' collections?
Bill Shuluk was contacted. 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").	STA 2023 – Statistical Methods I with a minimum grade of "C"
Provide justification for the proposed prerequisite(s).	This course requires a strong quantitative background.
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.	N/A

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 course credit hours
Contact hours (faculty load)	3 hours
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
Course description (provide below)	
Business Statistics provides students with quantitative and qualitative skills required to collect and analyze data to make objective business decisions. Students will use selected descriptive and inferential statistical techniques and business software to analyze problems in the areas of business, economics, finance, and management.	

General topic outline (type in outline below)

- Make business decisions examining business situations with quantitative methods
- Apply measures of central tendency to grouped data
- Apply measures of dispersion to sample and population data
- Distinguish between discrete and continuous distributions
- Create business reports and analyses
- Select and apply appropriate analytical tools in the analysis of quantitative and qualitative data.

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:

- Develop an understanding of statistical and quantitative techniques applicable to a wide range of business situations.

General Education Competency: **Think**

Course Outcomes or Objectives Supporting the General Education Competency Selected:

- Explain how quantitative methods are used in business

B. Other Course Objectives/Standards

- Provide a basic understanding of the value and use of quantitative methods in administrative and operational problem solving and decision-making in business situations.
- Apply measures of central tendency to grouped data in problem solving for management decision making.
- Apply measures of dispersion to sample and population data.
- Create business reports and analyses in a fair, objective, and unbiased manner.
- Select, understand, and apply appropriate analytical tools in the analysis of quantitative and qualitative data from a variety of business scenarios.
- Distinguish between discrete and continuous distributions.

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

Statewide Course DetailBrowse Statewide Courses: GO

Discipline

111-QUANTITATIVE METHODS IN BUSINESS

Discipline Definition

NONE

Prefix

QMB-QUANTITATIVE METHODS IN BUSINESS

Prefix Definition

COURSES WITH THIS PREFIX DEAL WITH THE APPLICATIONS OF MATHEMATICAL, STATISTICAL, AND RESEARCH CONCEPTS TO BUSINESS, ECONOMICS, FINANCE, AND MANAGEMENT PROBLEMS. COURSES INCLUDE STATISTICAL APPLICATIONS IN BUSINESS; ECONOMETRICS; BUSINESS RESEARCH; OPERATIONS RESEARCH; MANAGEMENT SCIENCE; AND MATHEMATICAL PROGRAMMING FOR RESEARCH.

Century Title

100-199-BASIC BUSINESS STATISTICS

Decade Title

100-109-BASIC BUSINESS STATISTICS

StateWide Course

QMB 100-BASIC BUSINESS STATISTICS

Status

ACTIVE

Transfer

GUARANTEED TRANSFER TO INSTITUTION OFFERING SAME COURSE.

Course Intent

LOWER

Prerequisites

NONE

Corequisites

NONE

Profile Description

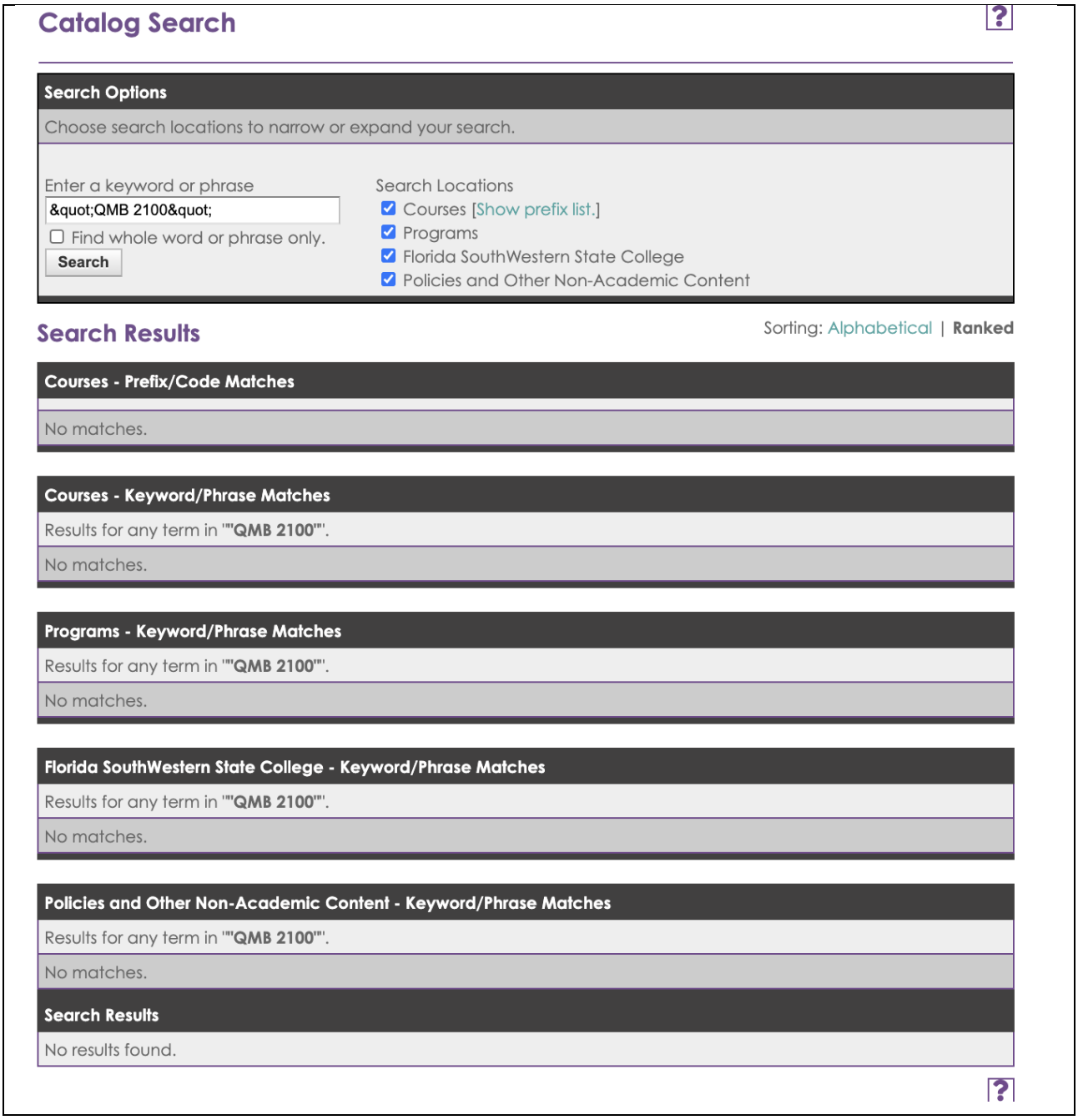
1. DESCRIPTIVE STATISTICS 2. PROBABILITY THEORY 3. STATISTICAL INFERENCE 4. STATISTICAL RESEARCH METHODS 5. APPLICATIONS * CREDITS: 2-4 SEMESTER HOURS

ICS code for this course	ADVANCED AND PROFESSIONAL - 1.15.05 - BUSINESS AND MANAGEMENT
Institutional Reporting Code	11505 BUSINESS AND MANAGEMENT

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18;10/18;7/19

Degree Attributes	AA - AA COURSE
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?	N/A
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?	STA 2023
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, Professor Don Ransford, and Dr. Martin McClinton. **Impact Report**	



Catalog Search

Search Options

Choose search locations to narrow or expand your search.

Enter a keyword or phrase

"QMB 2100"

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 '"QMB 2100"'.

No matches.

Programs - Keyword/Phrase Matches

Results for any term in '"QMB 2100"'.

No matches.

Florida SouthWestern State College - Keyword/Phrase Matches

Results for any term in '"QMB 2100"'.

No matches.

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

Results for any term in '"QMB 2100"'.

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. QMB 2100 uses the student's background in analyzing data to reject or accept the null hypothesis as a starting point. QMB 2100 will use statistical analysis to make objective and unbiased business decisions. The course will focus on mining data, discovering meaningful patterns in data and based on the findings, derive actionable insights and communicate them to executives.

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18;10/18;7/19