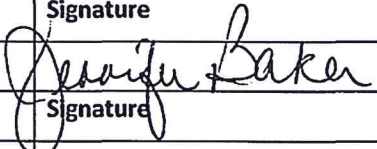


Section I, Important Dates and Endorsements Required

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 2020 |
| Provide an explanation below for the requested exception to the effective date. | |
| Type in the explanation for exception. | |

| | | |
|--|--|----------|
| 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 |
| Dr. Debbie Psihountas |  | 11/26/19 |
| Provost | Signature | Date |
| Dr. Eileen DeLuca | | |

| Required Endorsements | Type in Name | Select Date |
|--|------------------------|-----------------------------|
| Department Chair or Program Coordinator/Director | Dr. Jennifer Patterson | Click here to enter a date. |
| Academic Dean or Provost | Type name here | Click here to enter a date. |

| |
|---|
| List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided). |
| Leroy Bugger, Alisa Callahan, William Van Glabek, Dr. Timothy Lucas, Dr. Jennifer Patterson, Dr. Anita Rose |

| |
|--|
| Has the Libraries' Collection Manager been contacted about the new course and discussed potential impacts to the libraries' collections? |
| No |

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"). | CGS 2511 Advanced Spreadsheet Computing with a minimum grade C. |
| Provide justification for the proposed prerequisite(s). | This course requires students to have a working knowledge of advances spreadsheet skills taught in CGS 2511. |
| 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. | None |
| 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) | On Campus, Online |
| Course description (provide below) | |
| This course is designed to allow students to implement the important concepts and techniques used to move from simple to complex visualizations of business data. This is a course in applied data collection and presentation. | |

General topic outline (type in outline below)

- Introduction of data visualization the student shall: compare the many options for connecting to data.
- Business data analysis the student shall: choose and create the appropriate data visualization to convey information to business users
- Calculated fields and formatting the student shall: work with calculated fields, dates, aggregations, and formatting tools to help analyze business data. 4
- Building visualizations and sharing data the student shall: combine individual visualizations and share with end users to enable business decision makers.
- Business scenarios and best practices the student shall: identify and apply the appropriate visualization for different types of real-world problems

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:* Analyze

The student shall choose and create the appropriate data visualization to convey information to business users

2. Supplemental *General Education Competency or competencies:*

B. In accordance with Florida Statute 1007.25 concerning the state's general education core course requirements, this course meets the general education competencies for

Part B would only be included in the course outlines of those courses are included in the FSW Catalog as a General Education Core Course. If this is not a core course, then outline letter C would become B.

C. Other Course Objectives/Standards

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

THIS COURSE IS DESIGNED TO ALLOW STUDENTS TO IMPLEMENT THE IMPORTANT CONCEPTS AND TECHNIQUES USED TO MOVE FROM SIMPLE TO COMPLEX VISUALIZATIONS OF BUSINESS DATA. THIS IS A COURSE IN APPLIED DATA COLLECTION AND PRESENTATION.

| | |
|--|--|
| ICS code for this course | ADVANCED AND PROFESSIONAL - 1.15.05 - BUSINESS AND MANAGEMENT |
| Institutional Reporting Code | 11505 BUSINESS AND MANAGEMENT |
| Degree Attributes | AS-AS-COURSE- AA Course per mtg |
| Degree Attributes (if needed) | Choose an item. 12/6/19 |
| Degree Attributes (if needed) | Choose an item. MRM |
| 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? | NA |
| Is the course repeatable*? <small>(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</small> | 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? | No |
| If the answer to the question above is "yes", list the impact on other courses, programs, or budgets? | List impacts here |
| Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below. No. | |

Section III, Justification for proposal

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| Provide justification (below) for this proposed curriculum action. |
| <p>There is a growing demand in the business world for individuals who have data analysis skills. This course is part of an instructional program of courses leading to Associates of Science degree in Data Analytics and deals with issues of importance to a marketing professional. This course places an emphasis on choosing and creating the appropriate data visualization to convey information to business users</p> |