

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.	

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	Mary Myers	3/16/2020
Academic Dean or Provost	Dr. Debbie Psihountas	3/16/2020

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).
Professor Melinda Lyles, Dr. Roger Webster, Dr. Mary Myers, Dr. George Kodsey, Dr. Deborah Johnson

Section II, Proposed Changes

Change to course prefix and number Lecture/lab course combined must include "C" / lab course must include "L"	
Do any of the changes affect the AA focus? (If so, a Change of Program proposal is also needed.)	
Provide justification for the proposed prerequisite(s).	
Change to course title	
Does the Course Title Change affect other courses? (Ex: If Guitar I becomes Intro to Guitar, should Guitar II become Guitar I?)	
Change of School, Division, or Department	
Change to course prerequisite(s) and minimum grade(s) (must include minimum grade if higher than a "D")	From (COP1170 and COP2171) or (COP1224 and COP228) or (COP2360 and COP2362) TO: COP2830 Internet Programming AND CEN4333 Advanced Database Development From: "D" or Higher To: "C" or Higher
Change to 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)	
Change to course credits or clock hours	
Change to contact hours (faculty load)	
Are the Contact hours different from the credit/lecture/lab hours?	
Change to grade mode	
Change to credit type	
Change to course description (provide below)	

The students in this course will learn advanced methods for building interactive, database-backed web sites and applications. This course introduces using various frameworks to develop rich, maintainable applications. The Ruby on Rails framework is covered in-depth, but other frameworks will be covered as well. Additional topics include integrating search engines and web application security.

Change to general topic outline (type in entire new outline below)

- Understand the model-view-controller paradigm and its application to web application development
- Develop a database-backed, interactive website using the Ruby on Rails framework
- Design RESTful interfaces
- Identify the strengths and disadvantages of several website technologies such as PHP, ASP.NET, Node.js, or Apache Struts
- Integrate a search engine into a website
- Evaluate and explain web application security

Change to 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:

- Identify the strengths and disadvantages of several website technologies such as PHP, ASP.NET, Node.js, or Apache Struts

2. Supplemental *General Education Competency or competencies:*

Communicate:

- Evaluate and explain web application security

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

Section III (must complete each item below)

Should any major restrictions be listed on this course? If so, select "change" and list the appropriate major restriction codes or select no change.	Change BAS-IST
Change course to an "International or Diversity Focus" course?	
Change course to a General Education course?	
Change course from General Education to non-General Education?	
Change course to a Writing Intensive course?	
Change course from Writing Intensive to non-Writing intensive?	
Change course to 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	

Impact of Change of Course Proposal	
Will this change of 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?	
Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.	

Impact of Change of Course Proposal	
Will this change of course proposal impact library services or budgets?	No

<p>If the answer to the question above is “yes”, list the impact on other courses, programs, or budgets?</p>	
<p>Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.</p>	

Section IV, Justification for proposal

<p>Provide justification (below) for each change on this proposed curriculum action.</p>
<p>Web Application development technology evolved quickly. The changes to this course will bring newer concepts and applications to the course.</p>