Curriculum Committee

FLORIDA SOUTHWESTERN STATE COLLEGE

New Course Proposal

School or Division	School of Business and Technology
Program or Certificate	Information Systems Technology
Proposed by (faculty only)	Melinda Lyles & Mary Myers
Presenter (faculty only)	Melinda Lyles

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	3/6/2020
Course prefix, number, and title	CIS 4523 / Managing IT Projects

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

Mary R. Myers

Curriculum Committee Chair Signature   4/8/2020

Date

☑ Approve   ☐ Do Not Approve

Provost Signature   5-21-2020

Date

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

☑ Reviewed

Office of Accountability & Effectiveness Signature   5/21/2020

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.	
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	Dr. Mary Myers	3/18/2020
Academic Dean or Provost	Dr. Debbie Psihountas	3/18/2020

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

Has the Libraries' Collection Manager been contacted about the new course and discussed potential impacts to the libraries' collections?
Provide information here

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").	MAN2021 with a grade of "C" or better.
Provide justification for the proposed prerequisite(s).	A basic understating of Management principles is necessary for studying IT project management.
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.	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)	Choose an item. List the co-requisite
Course credits or clock hours	3 credits Must pass with a "C" or better.
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
Course description (provide below)	

This course will provide an overview using the tools and concepts needed to lead an Information Technology (IT) project teams using a methodology. Completion of this course will show competency in each of the methodology phases: Define, Measure, Analyze, Improve and Control, but more importantly will provide understanding in how to implement, perform, interpret and apply concepts. In order to be successful, students must engage and collaborate as a team and account for diverse dynamics.

General topic outline (type in outline below)
• Apply information technology principles to managing a project.

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

- Determine the facilitation of project tools, such as root cause analysis or graphical analysis techniques, to push problem-solving and process improvement ability further, and facilitate these tools for a project team.
- Examine the leadership and management ideology needed to lead an organization's culture of continuous process with improvement as well as support the organization's leadership in prioritizing projects and solutions for the most impactful use of resources.
- Implement the project management methodology as a facilitator within a project
- Analyze phases using tools and techniques to complete a project
- Identify Theory of Constraints and Statistical Process Control concepts complementary to IT projects or cyber-tech employees.

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: **Communicate**
    Course Outcomes or Objectives Supporting the General Education Competency Selected:
- Implement the project management methodology as a facilitator within a project

    2. Supplemental *General Education Competency or competencies*:
    General Education Competency: **Evaluate**

    Course Outcomes or Objectives Supporting the General Education Competency Selected:

- Examine the leadership and management ideology needed to lead an organization's culture of continuous process with improvement as well as support the organization's leadership in prioritizing projects and solutions for the most impactful use of resources
- Determine the facilitation of project tools, such as root cause analysis or graphical analysis techniques, to push problem-solving and process improvement ability further, and facilitate these tools for a project team.
- Examine the leadership and management ideology needed to lead an organization's culture of continuous process with improvement as well as support the organization's leadership in prioritizing projects and solutions for the most impactful use of resources.
- Perform the methodology as a facilitator within a project
- Analyze phases using tools and techniques to complete a project
- Identify Theory of Constraints and Statistical Process Control concepts complementary to IT projects or cyber-tech employees

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 COVERS HOW TO PROPERLY MANAGE IT PROJECTS, INCLUDING TECHNOLOGY-SPECIFIC ISSUES AND CONCERNS. THE FOCUS OF THE COURSE IS ON HOW IT PROJECTS ARE MANAGED AND THE TOOLS AND TECHNIQUES THAT ARE UNIQUE TO THESE PROJECTS.

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

ICS code for this course	ADVANCED AND PROFESSIONAL - 1.16.07 - COMPUTER & INFO SCIENCE
Institutional Reporting Code	11607 COMPUTER AND INFOR SCIENCE
Degree Attributes	BAS - BAS 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".	Yes BAS - IST
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
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?	
Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.	

Section III, Justification for proposal

Provide justification (below) for this proposed curriculum action.
This course is being proposed as an update to the curriculum in the BAS- Information Technology Systems degree. Managing IT projects is a critical component of a career in Information Systems.