Curriculum Committee

FLORIDA SOUTHWESTERN STATE COLLEGE

Change of Course Proposal

School or Division	School of Pure and Applied Sciences
Program or Certificate	
Proposed by (faculty only)	Vera Verga
Presenter (faculty only)	Dr. Rebecca Page
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 be resubmitted for a later date.	
Submission date	10/2/2018
Current course prefix, number, and title	MCB2010C Microbiology

All Curriculum proposals require approval of the Curriculum Committee and the Interim Provost for Academic Affairs. 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*

12/11/18 — *Date*

☑ Approve ☐ Do Not Approve

Interim Provost for Academic Affairs Signature

12-12-18 — *Date*

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

☑ Reviewed

Barbara D. Miley — *Office of Accountability & Effectiveness Signature*

1-4-19 — *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 Interim Provost for Academic Affairs' Office.

Term in which approved action will take place	Fall 2019
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 Interim Provost for Academic Affairs prior to submission to the Dropbox.		
Dean	**Signature**	**Date**
Interim Provost for Academic Affairs	**Signature**	**Date**
Dr. Eileen DeLuca		

Required Endorsements	**Type in Name**	**Select Date**
Department Chair or Program Coordinator/Director	Dr. Peggy Romeo	10/15/2018
Academic Dean or Interim Provost for Academic Affairs	Dr. Martin McClinton	10/15/2018

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).
Dr Melanie Ulrich, Dr. Vera Verga

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.)	☐ Yes ☒ No
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")	
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?	
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)	

Change to general topic outline

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*: Evaluate
   - Distinguish between the morphology and functional anatomy of prokaryotic and eukaryotic microorganisms.
   - Recognize the physical and chemical requirements for microbial growth and analyze the techniques used to measure microbial growth
   - Evaluate the principles and methods used for the physical and chemical control of microorganisms
2. Supplemental *General Education Competency or competencies*: Communicate
   - Perform simple and differential staining techniques
   - Explain methods of disease transmission, predisposing factors for disease, and the mechanisms of microbial pathogenicity
   - Assess the causative agents, modes of transmission, clinical symptoms, and treatments for various human infectious diseases
   - Understand the role of the innate and adaptive immune system in protection and prevention of diseases.

B. All Course Objectives/Standards

- Recognize and justify the important contributions made by scientists to microbiology
- Compare and contrast the different types of microscopes and demonstrate proper use of a light microscope
- Perform simple and differential staining techniques
- Distinguish between the morphology and functional anatomy of prokaryotic and eukaryotic microorganisms.
- Assess the key features of microbial metabolism and differentiate between microbial and non-microbial cellular metabolic pathway
- Recognize the physical and chemical requirements for microbial growth and analyze the techniques used to measure microbial growth
- Evaluate the principles and methods used for the physical and chemical control of microorganisms
- Explain microbial genetics, mutation, and the mechanisms of genetic recombination in microbes
- Identify and appraise the classification, identification, and defining characteristics of the different groups of microorganisms
- Explain methods of disease transmission, predisposing factors for disease, and the mechanisms of microbial pathogenicity
- Assess the causative agents, modes of transmission, clinical symptoms, and treatments for various human infectious diseases
- Understand the role of the innate and adaptive immune system in protection and prevention of diseases.

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 3/18, 5/18, 6/18

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.	No change
Change course to an "International or Diversity Focus" course?	No, not International or Diversity Focus
Change course to a General Education course?	No
Change course from General Education to non-General Education?	No
Change course to a Writing Intensive course?	No
Change course from Writing Intensive to non-Writing intensive?	No
Change course to repeatable?	No

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.	
No	

Impact of Change of Course Proposal	
Will this change of course proposal impact library services 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.	
Current Microbiology Faculty were part of a group discussion during a department meeting to go over the changes and were in agreement.	

Section IV, Justification for proposal

Provide justification (below) for each change on this proposed curriculum action.
Information Item Only: We are adding in a LO for immunology since it is part of the course and helps students understand disease better. We are also adding a second competency of "communicate" as requested by dean.