

## Department/Program Assessment Plan

Department/Program: Programming

Contact Person: Steve Robinett

Date Plan Submitted: Oct 2020

### 1. Program Maps

**Please include below or attach a curriculum map linking program outcomes to courses. Also include a map indicating where in the program College Learning Outcomes and High Impact Practices are addressed.**

#### Curriculum Map

Courses	Understand the fundamentals of computer programming and data structures.	Understand the languages for web and enterprise applications such as Java, Python, PHP, and JavaScript.	Understand data modeling, database design, and structured query language (SQL).	Have proficiency in web server administration and application development environments.	Understand the software life-cycle, classical and current methodologies and best practices.
CSCI 100	R	I	I		I
CSCI 105	B	B	B		B
CSCI 181	R	R		I	
CAPP 156	B				
CSCI 111	R	R			
CSCI 240	R		P		R
ITS 210				R	R
CSCI 132	R	R	R		R
CSCI 211	R	P			
CSCI 213	R	R	R	R	R
CSCI 223	R	R	R	R	
CSCI 232	P		P		
ITS 224		R		R	
CSCI 298	R?	R?	R?	R?	R?
CSCI 299	P	P	P	P	P

B= student ability to demonstrate the learning outcome is considered basic  
 I = student ability to demonstrate the learning outcome is considered introductory  
 R = student ability to demonstrate the learning outcome is reinforced, based on previous learning experiences  
 P= student ability to demonstrate the learning outcome is considered proficient

**CLO/HIPs alignment**

Course	CLOs			HIPs										
	Critical Thinking	Comm.	Prof.	FYS	CIE	LC	WIC	CAP	UR	DGL	eP	SL	IN	CCP
CSCI 100	X													
CSCI 105	X													
CSCI 181	X	X												
CAPP 156	X													
CSCI 111	X													
CSCI 240	X							X						
ITS 210	X													
CSCI 132	X													
CSCI 211	X													
CSCI 213	X													
CSCI 223		X	X					X						
CSCI 232	X													
ITS 224	X													
CSCI 298		X	X											X
CSCI 299		X	X											X

CLOs: Critical Thinking                      Communication                      Professionalism

HIPs: First-Year Seminars/Experiences (FYS)    Common Intellectual Experiences (CIE)    Learning Community (LC)    Writing-Intensive Courses (WIC)    Collaborative Assignments/Projects (CAP)    Undergraduate Research (UR)    Diversity/Global Learning (DGL)    ePortfolios (eP)    Service Learning (SL)    Internships (IN)    Capstone Courses/Projects (CCP)

**2. Assessment Plan and Schedule**

**Please provide a multi-year schedule indicating when program outcome assessment will be reported and what classes will be used to assess program outcomes. The assessment cycle should be 5 years or less.**

\*Programs with external accreditation should follow the assessment timeline and requirements of their accrediting body. Please share your assessment schedule (if applicable) below. Otherwise, please give a detailed response to item 3.

<b>Courses</b>	<b>Year Reported</b>	<b>Program Outcomes</b>
CSCI 100	(F) 2020	1, 2, 3, 5
CSCI 105	(F) 2024	1, 5
CSCI 181	(F) 2021	1, 2
CAPP 156	(S) 2022	1
CSCI 111	(S) 2024	1, 2
CSCI 240	(S) 2023	1, 3, 5
ITS 210	(S) 2023	4, 5
CSCI 132	(F) 2022	1, 2, 3, 5
CSCI 211	(F) 2021	1, 2
CSCI 213	(S) 2021	1, 2, 4
CSCI 223	(S) 2024	1, 2, 3, 4
CSCI 232	(S) 2023	1, 3
ITS 224	(S) 2025	2, 4
CSCI 298	(S) 2022	1-5? (depending on internship)
CSCI 299	(S) 2024	1-5

### **3. Assessment Process**

**Individual faculty will be asked to follow the assessment plan and schedule as indicated above. Faculty will be expected to complete reflections for the courses indicated. Please note here 1) when reflections will be completed, and 2) any additional assessment processes your department/program will follow.**

### **4. College Learning Outcomes Assessment**

**Please indicate here if CLOs will be assessed using any departmental/programmatic assessments or if they will be assessed by individual faculty using a tool of their choice.**

Department/Program Assessment\_\_\_\_\_

What is the tool or assessment?

Individual Faculty Assessment\_\_\_\_\_

## **5. Opportunities for Change**

**Please indicate here any opportunities for change on which your department/program plans to work during the assessment cycle and how those changes will be assessed. Examples might include improving pass rates in a course, creating departmental assessments, etc.**

Please return this completed form to Mandy Wright at [assessment@gfcmsu.edu](mailto:assessment@gfcmsu.edu).