

**Assurance of Student Learning
2019-2020**

Ogden College of Science and Engineering

School of Engineering and Applied Sciences

Computer Science 117

Use this page to list learning outcomes, measurements, and summarize results for your program. Detailed information must be completed in the subsequent pages.

Student Learning Outcome 1: Graduates will be able to communicate in oral and written form at a level commensurate with that of students completing a Master's degree.

Instrument 1 Oral presentations in CS 543.

Instrument 2 Project documentation in CS 543.

Instrument 3

Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 1.

Met

Not Met

Student Learning Outcome 2: Graduate Studies will be able to design and implement solutions that develop critical thinking skills that marks them better able to address concerns in the society.

Instrument 1 Term project in CS 543.

Instrument 2 Term project in CS 549.

Instrument 3

Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 2.

Met

Not Met

Student Learning Outcome 3: Students will be well prepared for further studies or for employment in schools, government, or industry and be aware of opportunities for further graduate studies or employment both nationally and internationally.

Instrument 1 Students seeking employment will receive a job offer within one year after graduation. Graduates seeking admission to a doctoral program will be successful within one year after graduation.

Instrument 2 Graduating students indicate that they have been made aware of opportunities for further graduate studies or employment.

Instrument 3

Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 3.

Met

Not Met

Program Summary (Briefly summarize the action and follow up items from your detailed responses on subsequent pages.)

The assessments indicates that our program is well aligned with the success of the students.
Will change the assessment that are carried in CS 549 to CS 560.

Student Learning Outcome 1

Student Learning Outcome	Graduates will be able to communicate in oral and written form at a level commensurate with that of students completing a Master's degree.		
Measurement Instrument 1	NOTE: Each student learning outcome should have at least one direct measure of student learning . Indirect measures are not required. CS 543 term project presentation.		
Criteria for Student Success	Graduate Studies will receive an average rating of at least 3 on 4-point scale in CS 543 project presentations.		
Program Success Target for this Measurement	80%	Percent of Program Achieving Target	100%
Methods	The instructor for CS 543 assessed the oral presentation in the term project presentation. There are 3 students in CS 543 classes. 3 out of 3 students received 3 or better.		
Measurement Instrument 2	CS 543 term project documentation.		
Criteria for Student Success	Graduate Students will demonstrate the ability to communicate concepts in computer science by receiving an average 3 or better on 4-point scale.		
Program Success Target for this Measurement	80%	Percent of Program Achieving Target	100%
Methods	The instructor for CS 543 assessed written project documentation. There are 3 students in CS 543 class. 3 out of 3 students received 3 or better.		
Measurement Instrument 3			
Criteria for Student Success			
Program Success Target for this Measurement		Percent of Program Achieving Target	
Methods			

Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 1.	Met	Not Met
Actions (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)		
Plan to change the assessment of the oral presentations from CS 549 to CS 560, which typically has a more well defined project.		
Follow-Up (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)		
Continue the assessment.		

Student Learning Outcome 2

Student Learning Outcome	Graduate Studies will be able to design and implement solutions that develop critical thinking skills that marks them better able to address concerns in the society		
Measurement Instrument 1	NOTE: Each student learning outcome should have at least one direct measure of student learning . Indirect measures are not required. Term project in CS 543.		
Criteria for Student Success	Graduate students will receive an average rating of at least 3 on 4-point scale.		
Program Success Target for this Measurement	80%	Percent of Program Achieving Target	100%
Methods	The instructor for CS 543 assessed the design and implementation of the assigned term project. There are 3 students in CS 543 class. 3 out of 3 students received 3 or better.		
Measurement Instrument 2	Term project in CS 549.		
Criteria for Student Success	Graduate students will receive an average rating of at least 3 on 4-point scale.		
Program Success Target for this Measurement	80%	Percent of Program Achieving Target	100%
Methods	The instructor for CS 549 assessed the assigned term project. There are 9 students in the class. 9 out of 9 students received 3 or better.		
Measurement Instrument 3			
Criteria for Student Success			
Program Success Target for this Measurement		Percent of Program Achieving Target	
Methods			
Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 2.			Met
Not Met			
Actions (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)			
Plan to change the assessment of the oral presentations from CS 549 to CS 560, which typically has a more well defined project.			
Follow-Up (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)			
Continue the assessment.			

Student Learning Outcome 3

Student Learning Outcome	Students will be well prepared for further studies or for employment in schools, government, or industry and be aware of opportunities for further graduate studies or employment both nationally and internationally.		
Measurement Instrument 1	NOTE: Each student learning outcome should have at least one direct measure of student learning . Indirect measures are not required. Exit Survey.		
Criteria for Student Success	Students seeking employment will receive a job offer within one year after graduation. Graduates seeking admission to a doctoral program will be successful within one year after graduation.		
Program Success Target for this Measurement	80%	Percent of Program Achieving Target	100%
Methods	The graduate coordinator interviewed the students before they graduate.		
Measurement Instrument 2	Exit Survey		
Criteria for Student Success	Graduating students indicate that they have been made aware of opportunities for further graduate studies or employment		
Program Success Target for this Measurement	80%	Percent of Program Achieving Target	100%
Methods	The graduate coordinator interviewed the students before they graduate.		
Measurement Instrument 3			
Criteria for Student Success			
Program Success Target for this Measurement		Percent of Program Achieving Target	
Methods			
Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 3.			Met
			Not Met
Actions (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)			
No changes needed.			
Follow-Up (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)			
Continue the assessment.			

