

**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 Students 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**

**Instrument 4**

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.)**



**Student Learning Outcome 1**

<b>Student Learning Outcome</b>	Graduates will be able to communicate in oral and written form at a level commensurate with that of students completing a Master's degree.		
<b>Measurement Instrument 1</b>	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.		
<b>Criteria for Student Success</b>	Graduate Studies will receive an average rating of at least 3 on 4-point scale in CS 543 project presentations.		
<b>Program Success Target for this Measurement</b>		<b>Percent of Program Achieving Target</b>	
<b>Methods</b>	The instructor for CS 543 will assess the oral presentation in the term project presentation.		
<b>Measurement Instrument 2</b>	CS 543 term project documentation.		
<b>Criteria for Student Success</b>	Graduate Students will demonstrate the ability to communicate concepts in computer science by receiving an average 3 or better on 4-point scale.		
<b>Program Success Target for this Measurement</b>		<b>Percent of Program Achieving Target</b>	
<b>Methods</b>	The instructor for CS 543 will assess the oral presentation in the term project documentation.		
<b>Measurement Instrument 3</b>			
<b>Criteria for Student Success</b>			
<b>Program Success Target for this Measurement</b>		<b>Percent of Program Achieving Target</b>	
<b>Methods</b>			

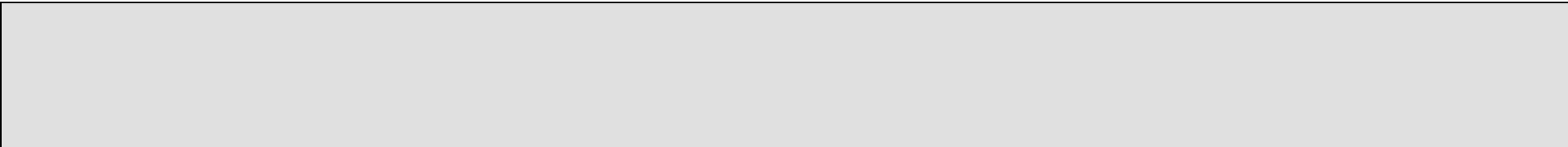
<b>Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 1.</b>	<b>Met</b>	<b>Not Met</b>
<b>Actions</b> (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)		
<b>Follow-Up</b> (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)		

**Student Learning Outcome 2**

<b>Student Learning Outcome</b>	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		
<b>Measurement Instrument 1</b>	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.		
<b>Criteria for Student Success</b>	Graduate students will receive an average rating of at least 3 on 4-point scale.		
<b>Program Success Target for this Measurement</b>	80%	<b>Percent of Program Achieving Target</b>	100%
<b>Methods</b>	The instructor for CS 543 will assess the oral presentation in the term project documentation.		
<b>Measurement Instrument 2</b>	Term project in CS 549.		
<b>Criteria for Student Success</b>	Graduate students will receive an average rating of at least 3 on 4-point scale.		
<b>Program Success Target for this Measurement</b>		<b>Percent of Program Achieving Target</b>	
<b>Methods</b>	The instructor for CS 549 assessed the oral presentation in the term project documentation.		
<b>Measurement Instrument 3</b>			
<b>Criteria for Student Success</b>			
<b>Program Success Target for this Measurement</b>		<b>Percent of Program Achieving Target</b>	
<b>Methods</b>			
<b>Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 2.</b>			<b>Met</b>
<b>Actions</b> (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)			<b>Not Met</b>
<b>Follow-Up</b> (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)			

**Student Learning Outcome 3**

<b>Student Learning Outcome</b>	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.		
<b>Measurement Instrument 1</b>	NOTE: Each student learning outcome should have at least one direct measure of student learning . Indirect measures are not required. Exit Survey.		
<b>Criteria for Student Success</b>	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.		
<b>Program Success Target for this Measurement</b>		<b>Percent of Program Achieving Target</b>	
<b>Methods</b>	The graduate coordinator will interview the students before they graduate.		
<b>Measurement Instrument 2</b>	Exit Survey		
<b>Criteria for Student Success</b>	Graduating students indicate that they have been made aware of opportunities for further graduate studies or employment		
<b>Program Success Target for this Measurement</b>		<b>Percent of Program Achieving Target</b>	
<b>Methods</b>	The graduate coordinator will interview the students before they graduate.		
<b>Measurement Instrument 3</b>			
<b>Criteria for Student Success</b>			
<b>Program Success Target for this Measurement</b>		<b>Percent of Program Achieving Target</b>	
<b>Methods</b>			
<b>Based on your results, circle or highlight whether the program met the goal Student Learning Outcome 3.</b>			<b>Met</b>
<b>Actions</b> (Describe the decision-making process and actions planned for program improvement. The actions should include a timeline.)			<b>Not Met</b>



**Follow-Up** (Provide your timeline for follow-up. If follow-up has occurred, describe how the actions above have resulted in program improvement.)