



**LEARNING OUTCOMES DATA REPORT
BS in Computing Technology
Fall 1 2017 - Summer 1 2019**

Aggregated Results

CSCU-220						n 88
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete	
<i>ILO 2 - Innovation and Creativity: Analysis</i>	42.0% (37)	21.6% (19)	19.3% (17)	17.0% (15)	0.0% (0)	
<i>ILO 2 - Innovation and Creativity: Embracing Contradictions</i>	39.8% (35)	28.4% (25)	14.8% (13)	17.0% (15)	0.0% (0)	
<i>ILO 2 - Innovation and Creativity: Innovative Thinking</i>	44.3% (39)	21.6% (19)	15.9% (14)	18.2% (16)	0.0% (0)	
<i>PLO 3 - Logic: Foundation Concepts</i>	35.2% (31)	29.5% (26)	18.2% (16)	17.0% (15)	0.0% (0)	
<i>PLO 3 - Logic: Basic Skills</i>	48.9% (43)	22.7% (20)	12.5% (11)	15.9% (14)	0.0% (0)	
<i>PLO 3 - Logic: Intermediate Skills</i>	35.2% (31)	25.0% (22)	21.6% (19)	18.2% (16)	0.0% (0)	
<i>PLO 3 - Logic: Problem Solving Skills</i>	23.9% (21)	26.1% (23)	21.6% (19)	28.4% (25)	0.0% (0)	
<i>PLO 3 - Logic: Advance Skills</i>	25.0% (22)	26.1% (23)	20.5% (18)	28.4% (25)	0.0% (0)	
Average Performance Levels	36.8%	25.1%	18.1%	20.0%	0.0%	

CSCU-251						n =106
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete	
<i>PLO 2 - Mathematics: Understanding of assignment. Use of style, form and language</i>	84.0% (89)	16.0% (17)	0.0% (0)	0.0% (0)	0.0% (0)	
<i>PLO 2 - Mathematics: Design and evaluate various computer components and understand the purpose.</i>	75.5% (80)	22.6% (24)	1.9% (2)	0.0% (0)	0.0% (0)	
<i>PLO 2 - Mathematics: Writing and organization</i>	88.7% (94)	10.4% (11)	0.9% (1)	0.0% (0)	0.0% (0)	
<i>PLO 2 - Mathematics: Use of APA</i>	81.1% (86)	17.0% (18)	1.9% (2)	0.0% (0)	0.0% (0)	
<i>PLO 2 - Mathematics: Problem Solving Skills</i>	89.6% (95)	9.4% (10)	0.9% (1)	0.0% (0)	0.0% (0)	

Average Performance Levels	83.8%	15.1%	1.1%	0.0%	0.0%
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CSCU-315						n 51
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete	
<i>ILO 5 - Integrated Learning: Connections to Experience or Among Disciplines</i>	70.6% (36)	15.7% (8)	5.9% (3)	7.8% (4)	0.0% (0)	
<i>ILO 5 - Integrated Learning: Transfer</i>	68.6% (35)	19.6% (10)	3.9% (2)	7.8% (4)	0.0% (0)	
<i>ILO 5 - Integrated Learning: Reflection and Self-Assessment</i>	68.6% (35)	17.6% (9)	5.9% (3)	7.8% (4)	0.0% (0)	
<i>CLO - Introduction and Research Topic</i>	68.6% (35)	11.8% (6)	11.8% (6)	7.8% (4)	0.0% (0)	
<i>CLO - Literature Review</i>	60.8% (31)	17.6% (9)	13.7% (7)	7.8% (4)	0.0% (0)	
<i>CLO - Conclusions and Recommendations</i>	68.6% (35)	19.6% (10)	3.9% (2)	7.8% (4)	0.0% (0)	
<i>CLO - Critical Thinking</i>	62.7% (32)	17.6% (9)	11.8% (6)	7.8% (4)	0.0% (0)	
<i>CLO - Writing Mechanics and APA</i>	54.9% (28)	23.5% (12)	17.6% (9)	3.9% (2)	0.0% (0)	
Average Performance Levels	65.4%	17.9%	9.3%	7.3%	0.0%	

CSCU-453						n 71
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete	
<i>ILO 4 - Global Cultures: Global issue</i>	54.9% (39)	14.1% (10)	16.9% (12)	14.1% (10)	0.0% (0)	
<i>ILO 4 - Global Cultures: Knowledge</i>	54.9% (39)	18.3% (13)	15.5% (11)	11.3% (8)	0.0% (0)	
<i>ILO 4 - Global Cultures: Synthesis</i>	53.5% (38)	18.3% (13)	16.9% (12)	11.3% (8)	0.0% (0)	
<i>ILO 4 - Global Cultures: Empathy</i>	59.2% (42)	14.1% (10)	16.9% (12)	9.9% (7)	0.0% (0)	
<i>ILO 4 - Global Cultures: Attitude</i>	67.6% (48)	14.1% (10)	9.9% (7)	8.5% (6)	0.0% (0)	
<i>CLO - Implementation</i>	53.5% (38)	12.7% (9)	19.7% (14)	14.1% (10)	0.0% (0)	
<i>CLO - IP Addressing</i>	52.1% (37)	14.1% (10)	12.7% (9)	21.1% (15)	0.0% (0)	
<i>CLO - APA, Grammar, Spelling</i>	73.2% (52)	16.9% (12)	5.6% (4)	4.2% (3)	0.0% (0)	
Average Performance Levels	58.6%				0.0%	

15.3%

14.3%

11.8%

OLCU-414		A n 6				
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete	
<i>PLO 1 - Communication: Key Insights</i>	100.0% (6)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	
<i>PLO 1 - Communication: Application</i>	16.7% (1)	83.3% (5)	0.0% (0)	0.0% (0)	0.0% (0)	
<i>PLO 1 - Communication: Critical Analysis</i>	50.0% (3)	50.0% (3)	0.0% (0)	0.0% (0)	0.0% (0)	
<i>PLO 1 - Communication: Writing Mechanics</i>	0.0% (0)	66.7% (4)	33.3% (2)	0.0% (0)	0.0% (0)	
Average Performance Levels	41.7%	50.0%	8.3%	0.0%	0.0%	

OLCU-414		B n 53				
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete	
<i>PLO 1 - Communication: Key Insights</i>	94.3% (50)	1.9% (1)	1.9% (1)	1.9% (1)	0.0% (0)	
<i>PLO 1 - Communication: Application</i>	86.8% (46)	7.5% (4)	3.8% (2)	1.9% (1)	0.0% (0)	
<i>PLO 1 - Communication: Critical Analysis</i>	79.2% (42)	17.0% (9)	1.9% (1)	1.9% (1)	0.0% (0)	
<i>PLO 1 - Communication: Writing Mechanics</i>	43.4% (23)	32.1% (17)	18.9% (10)	5.7% (3)	0.0% (0)	
Average Performance Levels	75.9%	14.6%	6.6%	2.8%	0.0%	

- Notes:
1. Cases where a student did not upload an assignment (coded as "no submission" in the extract from GradeMark) were excluded from the analysis.
 2. In cases where the mastery assignment was a group project, only the assignment submitted by the group leader was included in the analysis.
 3. All rows may not add up to 100% reflecting missing rubric points.