Aggregated Results[1,2,3]

CSCU-220					n =88
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete
ILO 2 - Innovation and Creativity: Analysis	42.0% (37)	21.6% (19)	19.3% (17)	17.0% (15)	0.0% (0)
ILO 2 - Innovation and Creativity: Embracing Contradictions	39.8% (35)	28.4% (25)	14.8% (13)	17.0% (15)	0.0% (0)
ILO 2 - Innovation and Creativity: Innovative Thinking	44.3% (39)	21.6% (19)	15.9% (14)	18.2% (16)	0.0% (0)
PLO 3 - Logic: Foundation Concepts	35.2% (31)	29.5% (26)	18.2% (16)	17.0% (15)	0.0% (0)
PLO 3 - Logic: Basic Skills	48.9% (43)	22.7% (20)	12.5% (11)	15.9% (14)	0.0% (0)
PLO 3 - Logic: Intermediate Skills	35.2% (31)	25.0% (22)	21.6% (19)	18.2% (16)	0.0% (0)
PLO 3 - Logic: Problem Solving Skills	23.9% (21)	26.1% (23)	21.6% (19)	28.4% (25)	0.0% (0)
PLO 3 - Logic: Advance Skills	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
PLO 2 - Mathematics: Understanding of assignment. Use of style, form and language	84.0% (89)	16.0% (17)	0.0% (0)	0.0% (0)	0.0% (0)
PLO 2 - Mathematics: Design and evaluate various computer components and understand the purpose.	75.5% (80)	22.6% (24)	1.9% (2)	0.0% (0)	0.0% (0)
PLO 2 - Mathematics: Writing and organization	88.7% (94)	10.4% (11)	0.9% (1)	0.0% (0)	0.0% (0)
PLO 2 - Mathematics: Use of APA	81.1% (86)	17.0% (18)	1.9% (2)	0.0% (0)	0.0% (0)
PLO 2 - Mathematics: Problem Solving Skills	89.6% (95)	9.4% (10)	0.9% (1)	0.0% (0)	0.0% (0)

Aggregated Results[1,2,3]

Average Performance Levels	83.8%	15.1%	1.1%	0.0%	0.0%

CSCU-315				n =51	
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete
ILO 5 - Integrated Learning: Connections to Experience or Among Disciplines	70.6% (36)	15.7% (8)	5.9% (3)	7.8% (4)	0.0% (0)
ILO 5 - Integrated Learning: Transfer	68.6% (35)	19.6% (10)	3.9% (2)	7.8% (4)	0.0% (0)
ILO 5 - Integrated Learning: Reflection and Self-Assessment	68.6% (35)	17.6% (9)	5.9% (3)	7.8% (4)	0.0% (0)
CLO - Introduction and Research Topic	68.6% (35)	11.8% (6)	11.8% (6)	7.8% (4)	0.0% (0)
CLO - Literature Review	60.8% (31)	17.6% (9)	13.7% (7)	7.8% (4)	0.0% (0)
CLO - Conclusions and Recommendations	68.6% (35)	19.6% (10)	3.9% (2)	7.8% (4)	0.0% (0)
CLO - Critical Thinking	62.7% (32)	17.6% (9)	11.8% (6)	7.8% (4)	0.0% (0)
CLO - Writing Mechanics and APA	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
ILO 4 - Global Cultures: Global issue	54.9% (39)	14.1% (10)	16.9% (12)	14.1% (10)	0.0% (0)
ILO 4 - Global Cultures: Knowledge	54.9% (39)	18.3% (13)	15.5% (11)	11.3% (8)	0.0% (0)
ILO 4 - Global Cultures: Synthesis	53.5% (38)	18.3% (13)	16.9% (12)	11.3% (8)	0.0% (0)
ILO 4 - Global Cultures: Empathy	59.2% (42)	14.1% (10)	16.9% (12)	9.9% (7)	0.0% (0)
ILO 4 - Global Cultures: Attitude	67.6% (48)	14.1% (10)	9.9% (7)	8.5% (6)	0.0% (0)
CLO - Implementation	53.5% (38)	12.7% (9)	19.7% (14)	14.1% (10)	0.0% (0)
CLO - IP Addressing	52.1% (37)	14.1% (10)	12.7% (9)	21.1% (15)	0.0% (0)

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Aggregated Results[1,2,3]

	Exemplary	Proficient	Developing	Emerging	Not Complete
CLO - APA, Grammar, Spelling	73.2% (52)	16.9% (12)	5.6% (4)	4.2% (3)	0.0% (0)
Average Performance Levels	**58.6%**	**15.3%**	**14.3%**	**11.8%**	**0.0%**

OLCU-414				A n =6	
Rubric Criterion	Exemplary	Proficient	Developing	Emerging	Not Complete
PLO 1 - Communication: Key Insights	100.0% (6)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
PLO 1 - Communication: Application	16.7% (1)	83.3% (5)	0.0% (0)	0.0% (0)	0.0% (0)
PLO 1 - Communication: Criticial Analysis	50.0% (3)	50.0% (3)	0.0% (0)	0.0% (0)	0.0% (0)
PLO 1 - Communication: Writing Mechanics	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
PLO 1 - Communication: Key Insights	94.3% (50)	1.9% (1)	1.9% (1)	1.9% (1)	0.0% (0)
PLO 1 - Communication: Application	86.8% (46)	7.5% (4)	3.8% (2)	1.9% (1)	0.0% (0)
PLO 1 - Communication: Criticial Analysis	79.2% (42)	17.0% (9)	1.9% (1)	1.9% (1)	0.0% (0)
PLO 1 - Communication: Writing Mechanics	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.
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