UF Quest Assessment Report – Fall 2021 and Fall 2022 Data
General Education Assessment Sub-committee
Chair: M. David Miller

Background (from *UF Quest Assessment Faculty Guide and Rubrics*)

At the University of Florida, we assess UF Quest at the institutional level to determine its effectiveness at achieving the SLOs and aims of the program. The assessment data that faculty provide through the UF Quest rubrics (or other approved methods) are analyzed to determine the degree to which students are achieving the UF Quest SLOs. The results of analysis are used to determine how we can modify and improve the assessment process (e.g. procedures, criteria, measurement scales, professional development, etc.), and how we can strengthen UF Quest.

Student Learning Outcomes Assessment

The Florida Board of Governor's regulation 8.016, Student Learning Outcomes Assessment, requires that all undergraduate programs at the University of Florida have student learning outcomes (SLOs) in three categories: *content* (disciplinary knowledge and skills), *communication*, and *critical thinking*. The UF General Education Committee has defined these categories for UF, and the UF Quest SLOs align with these categories. The fourth category, *connection*, was added to accommodate the unique focus of UF Quest on reflection and meaning making.

UF Quest Task Force

The UF Quest Task Force, convened in 2019, developed rubrics to assess at the institutional level the various artifacts (i.e., presentations, papers, projects, performance production, reflections) that students would produce in UF Quest courses. The rubrics articulate fundamental criteria for each type of student work, with performance descriptors demonstrating progressively more sophisticated levels of attainment. Faculty assessment of the criteria provide data that inform student achievement of the UF Quest SLOs (See *UF Quest Assessment Faculty Guide and Rubrics*, p. 5).

Results

This report is the result of UF Quest assessment preliminary data analysis. UF Quest faculty worked with the Center for Instructional Technology and Training (CITT) to associate UF Quest Rubrics with existing assignments in Canvas. Instructors in UF Quest courses were expected to grade a pre-determined and random 20% student sample using the UF Quest Rubrics, and the data would be collected in Canvas *Learning Management Book*. This first data report includes results collected in Fall 2021 and Fall 2022 for UF Quest 1 & 2 courses. The following aspects must be considered in examining the data:

1. The data sets should reflect the 20% student random sample provided for each UF Quest instructor. However, some instructors chose to complete the rubrics for all students in the course section(s).

2. Fall 2021 data for Quest 2 reflects a pilot, so not all courses will have data included in this report.
3. The process needs improvements to ensure all UF Quest instructors associate UF Quest Rubrics with their existing assignments. Data summaries for both Fall 2021 and Fall 2022 show that not all UF Quest courses had rubrics associated with assignments, or rubrics were not used by all instructors in Fall 2021 and Fall 2022.
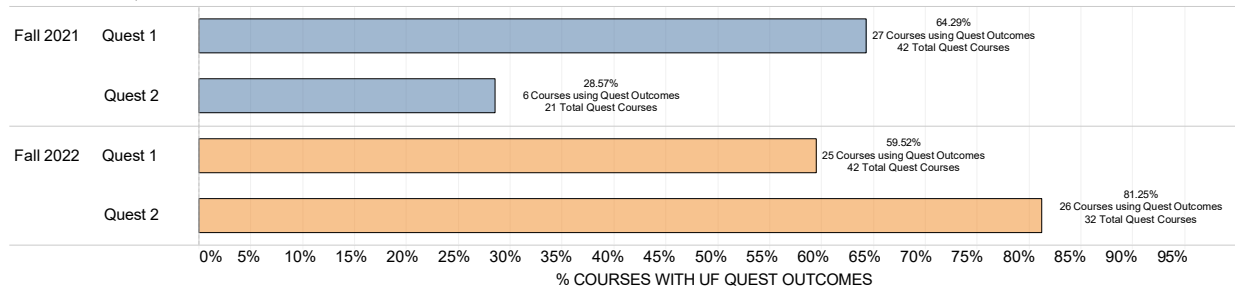
The Figure and Tables below show the results of the Quest assessment. A summary of each figure and table follows:

- Figure 1 shows the number of courses in the assessment and the percent of the Quest 1 and Quest 2 courses participating. Quest 2 shows less than 30% of the courses participating in the pilot (2021) while Quest 1 had 59-64% participating over the two years and Quest 2 had the highest participation in 2022.
- Table 1 shows that the most frequent method of assessment was writing papers (with the exception of the pilot data) and that reflection was the second most widely used method. However, reflection as method does not reflect the reflection as a course element of the courses. Apparently, faculty are sometimes collecting reflection using other methods (e.g., as part of a paper).
- Table 2 shows a high percent of the students meeting the target on all SLOs with Quest 1 higher than Quest 2. Performance is highest on the content SLOs.
- Tables 3 and 4 break down the results of Quest 2 by Social Sciences, Biological Sciences and Physical Sciences.
- Tables 5 and 6 show the results by Quest level, SLO, and criteria for Quest 1 and 2, respectively.

Figure 1. Coverage
% of Quest Courses with Official Learning Outcomes
Term and Quest Level

Fall 2021	Quest 1		64.29% 27 Courses using Quest Outcomes 42 Total Quest Courses
	Quest 2		28.57% 6 Courses using Quest Outcomes 21 Total Quest Courses
Fall 2022	Quest 1		59.52% 25 Courses using Quest Outcomes 42 Total Quest Courses
	Quest 2		81.25% 26 Courses using Quest Outcomes 32 Total Quest Courses

0% 5% 10% 15% 20% 25% 30% 35% 40% 45% 50% 55% 60% 65% 70% 75% 80% 85% 90% 95%
% COURSES WITH UF QUEST OUTCOMES

Table 1. Assessment Type

Distribution by Quest Level

Term Year	Quest Level	Assessment Type				
		Paper	Presentation	Project	Reflection	Grand Total
Fall 2021	Q1	15 55.56%	2 7.41%	3 11.11%	7 25.93%	27 100.00%
	Q2	2 33.33%	2 33.33%	2 33.33%	1 16.67%	6 100.00%
Fall 2022	Q1	16 64.00%	5 20.00%	1 4.00%	5 20.00%	25 100.00%

Q2	14 53.85%	4 15.38%	3 11.54%	6 23.08%	26 100.00%

Table 2. Mastery by UF Quest Outcomes
% of unique students meeting mastery

Term Ld	Quest Level	Total Quest Courses	Quest Courses Evaluated	Total Unique Quest Students	Communication	Connection	Content	Critical Thinking
Fall 2021	Quest 1	42	27	3526	89.51% 591 evaluated	91.72% 592 evaluated	93.39% 590 evaluated	92.70% 589 evaluated
	Quest 2	21	6	535	88.00% 75 evaluated	86.96% 69 evaluated	94.74% 76 evaluated	87.84% 74 evaluated
Fall 2022	Quest 1	42	25	3377	90.39% 593 evaluated	95.90% 586 evaluated	94.38% 587 evaluated	93.84% 584 evaluated
	Quest 2	32	26	1777	88.63% 475 evaluated	83.44% 465 evaluated	88.56% 472 evaluated	91.04% 469 evaluated

Table 3. N and % Courses by Assessment Type Distribution and General Education Domain

Humanities

Quest Level	Term Year	Gen Hum Flg	Assessment Type				
			Paper	Presentation	Project	Reflection	Grand Total
Q1	Fall 2021	Y	15 55.56%	2 7.41%	3 11.11%	7 25.93%	27 100.00%
	Fall 2022	Y	16 64.00%	5 20.00%	1 4.00%	5 20.00%	25 100.00%

Social Sciences

Quest Level	Term Year	Gen Socsci Flg	Assessment Type				
			Paper	Presentation	Project	Reflection	Grand Total
Q2	Fall 2021	Y		1 33.33%	2 66.67%	1 33.33%	3 100.00%
	Fall 2022	Y	4 36.36%	2 18.18%	1 9.09%	4 36.36%	11 100.00%

Biological Sciences

Quest Level	Term Year	Gen Biosci Flg	Assessment Type				
			Paper	Presentation	Project	Reflection	Grand Total
Q2	Fall 2021	Y	1 50.00%	1 50.00%			2 100.00%
	Fall 2022	Y	4 57.14%	1 14.29%	1 14.29%	1 14.29%	7 100.00%

Physical Sciences

Quest Level	Term Year	Gen Physsci Flg	Assessment Type				
			Paper	Presentation	Project	Reflection	Grand Total
Q2	Fall 2021	Y	1 100.00%				1 100.00%
	Fall 2022	Y	5 71.43%	1 14.29%	1 14.29%	1 14.29%	7 100.00%

Table 4. Mastery by Educational Domain and UF Quest Outcomes
% of unique students meeting mastery

Quest Level	Domain	Term Ld	Total Quest Courses Evaluated	Total Quest Courses	Total Unique Quest Students	Overall Outcome			
						Communication	Connection	Content	Critical Thinking
Q1	HUMANITI..	Fall 2021	27	42	3526	89.51% 591 evaluated	91.72% 592 evaluated	93.39% 590 evaluated	92.70% 589 evaluated
		Fall 2022	25	42	3377	90.39% 593 evaluated	95.90% 586 evaluated	94.38% 587 evaluated	93.84% 584 evaluated
Q2	BIOLOGIC..	Fall 2021	2	6	157	85.71% 7 evaluated	85.71% 7 evaluated	85.71% 7 evaluated	71.43% 7 evaluated
		Fall 2022	7	9	405	86.84% 76 evaluated	95.89% 73 evaluated	93.15% 73 evaluated	98.63% 73 evaluated
	PHYSICAL SCIENCES	Fall 2021	1	4	112	100.00% 7 evaluated	100.00% 6 evaluated	100.00% 7 evaluated	71.43% 7 evaluated
		Fall 2022	7	8	354	83.80% 179 evaluated	66.48% 179 evaluated	83.24% 179 evaluated	83.80% 179 evaluated
	SOCIAL SCIENCES	Fall 2021	3	11	267	86.89% 61 evaluated	85.71% 56 evaluated	95.16% 62 evaluated	91.67% 60 evaluated
		Fall 2022	11	15	1018	94.17% 206 evaluated	93.47% 199 evaluated	92.23% 206 evaluated	95.57% 203 evaluated

Table 5. Quest 1 Outcome/Criteria Distribution of Target Level

Term Year	Quest Level	Assessment Type1	Quest Outcome	Criteria	Above target. The student work is exceptional, above and beyond the target, and exceeds faculty expectations.	Target. Work that meets faculty expectations.	Near target. Achievement is near the target, lacking important details or connections to reach faculty expectations.	Below target. Achievement is below the target, absent or missing significant elements; the work does not meet faculty expectations.	Grand Total
Fall 2021	Q1	Paper	Communication	Clarity and Organization	33.97% 71	47.37% 99	16.75% 35	1.91% 4	100.00% 209
				Expression	33.65% 70	50.00% 104	14.90% 31	1.44% 3	100.00% 208
			Connection	Reflection	44.98% 94	35.41% 74	17.22% 36	2.39% 5	100.00% 209
			Content	Content	34.31% 70	53.92% 110	9.80% 20	1.96% 4	100.00% 204
			Critical Thinking	Critical Thinking	38.35% 79	44.17% 91	16.50% 34	0.97% 2	100.00% 206
		Presentation	Communication	Delivery	69.57% 16	26.09% 6	4.35% 1		100.00% 23
				Organization	47.83% 11	52.17% 12			100.00% 23
			Connection	Reflection	56.52% 13	43.48% 10			100.00% 23
			Content	Content	47.83% 11	47.83% 11	4.35% 1		100.00% 23
			Critical Thinking	Materials	30.43% 7	69.57% 16			100.00% 23
		Project	Communication	Dissemination	68.67% 57	31.33% 26			100.00% 83
				Planning and Execution	67.86% 57	32.14% 27			100.00% 84
			Connection	Reflection	75.00% 63	25.00% 21			100.00% 84
			Content	Relevance	67.86% 57	32.14% 27			100.00% 84
			Critical Thinking	Synthesis	76.19% 64	23.81% 20			100.00% 84
		Reflection	Communication	Communication	79.27% 218	17.09% 47	2.18% 6	1.45% 4	100.00% 275
			Connection	Connection	75.00% 207	22.46% 62	1.09% 3	1.45% 4	100.00% 276
			Content	Content	78.49% 219	16.85% 47	3.23% 9	1.43% 4	100.00% 279
			Critical Thinking	Critical Thinking	76.09% 210	21.74% 60	0.72% 2	1.45% 4	100.00% 276
Fall 2022	Q1	Paper	Communication	Clarity and Organization	49.56% 170	40.52% 139	9.33% 32	0.58% 2	100.00% 343
				Expression	55.39% 190	37.61% 129	7.00% 24		100.00% 343
			Connection	Reflection	58.82% 200	35.59% 121	4.41% 15	1.18% 4	100.00% 340
			Content	Content	53.53% 182	38.53% 131	7.65% 26	0.29% 1	100.00% 340
			Critical Thinking	Critical Thinking	53.25% 180	38.76% 131	7.40% 25	0.59% 2	100.00% 338
		Presentation	Communication	Delivery	34.07% 31	56.04% 51	9.89% 9		100.00% 91
				Organization	25.56% 23	71.11% 64	3.33% 3		100.00% 90
			Connection	Reflection	45.05% 41	54.95% 50			100.00% 91
			Content	Content	59.34% 54	40.66% 37			100.00% 91
			Critical Thinking	Materials	43.96% 40	54.95% 50	1.10% 1		100.00% 91
		Project	Communication	Dissemination	100.00% 73				100.00% 73
				Planning and Execution	100.00% 70				100.00% 70
			Connection	Reflection	100.00% 74				100.00% 74
			Content	Relevance	98.68% 75	1.32% 1			100.00% 76
			Critical Thinking	Synthesis	100.00% 74				100.00% 74
		Reflection	Communication	Communication	38.52% 47	59.02% 72	1.64% 2	0.82% 1	100.00% 122
			Connection	Connection	42.62% 52	53.28% 65	3.28% 4	0.82% 1	100.00% 122
			Content	Content	51.24% 62	43.80% 53	4.13% 5	0.83% 1	100.00% 121
			Critical Thinking	Critical Thinking	29.51% 36	63.93% 78	5.74% 7	0.82% 1	100.00% 122

Table 6. Quest 2 Outcome/Criteria Distribution of Target Level

Term Year	Quest Level	Assessment Type1	Quest Outcome	Criteria	Above target. The student work is exceptional, above and beyond the target, and exceeds faculty expectations	Target. Work that meets faculty expectations.	Near target. Achievement is near the target, lacking important details or connections to reach faculty expectations.	Below target. Achievement is below the target, absent or missing significant elements; the work does not meet faculty expectations.	Grand Total
Fall 2021	Q2	Paper	Communication	Clarity and Organization	28.57% 4	64.29% 9	7.14% 1		100.00% 14
				Expression	21.43% 3	78.57% 11			100.00% 14
			Connection	Reflection	30.77% 4	61.54% 8	7.69% 1		100.00% 13
			Content	Content	28.57% 4	64.29% 9	7.14% 1		100.00% 14
			Critical Thinking	Critical Thinking	21.43% 3	50.00% 7	28.57% 4		100.00% 14
		Presentation	Communication	Delivery	15.00% 3	55.00% 11	25.00% 5	5.00% 1	100.00% 20
				Organization	10.00% 2	85.00% 17	5.00% 1		100.00% 20
			Connection	Reflection	15.79% 3	42.11% 8	36.84% 7	5.26% 1	100.00% 19
			Content	Content	14.29% 3	71.43% 15	14.29% 3		100.00% 21
			Critical Thinking	Materials	10.00% 2	65.00% 13	25.00% 5		100.00% 20
		Project	Communication	Dissemination	97.06% 33	2.94% 1			100.00% 34
				Planning and Execution	96.88% 31	3.13% 1			100.00% 32
			Connection	Reflection	100.00% 30				100.00% 30
			Content	Relevance	97.06% 33	2.94% 1			100.00% 34
			Critical Thinking	Synthesis	96.97% 32	3.03% 1			100.00% 33
		Reflection	Communication	Communication	14.29% 1	71.43% 5	14.29% 1		100.00% 7
			Connection	Connection	28.57% 2	71.43% 5			100.00% 7
			Content	Content		100.00% 7			100.00% 7
			Critical Thinking	Critical Thinking	14.29% 1	85.71% 6			100.00% 7
Fall 2022	Q2	Paper	Communication	Clarity and Organization	27.12% 64	61.02% 144	11.44% 27	0.42% 1	100.00% 236
				Expression	32.91% 78	60.34% 143	6.33% 15	0.42% 1	100.00% 237
			Connection	Reflection	23.11% 55	51.26% 122	22.27% 53	3.36% 8	100.00% 238
			Content	Content	24.69% 59	59.41% 142	15.06% 36	0.84% 2	100.00% 239
			Critical Thinking	Critical Thinking	31.09% 74	56.72% 135	10.50% 25	1.68% 4	100.00% 238
		Presentation	Communication	Delivery	23.68% 18	59.21% 45	13.16% 10	3.95% 3	100.00% 76
				Organization	16.88% 13	71.43% 55	9.09% 7	2.60% 2	100.00% 77
			Connection	Reflection	31.17% 24	49.35% 38	15.58% 12	3.90% 3	100.00% 77
			Content	Content	29.87% 23	57.14% 44	10.39% 8	2.60% 2	100.00% 77
			Critical Thinking	Materials	15.58% 12	70.13% 54	11.69% 9	2.60% 2	100.00% 77
		Project	Communication	Dissemination	95.12% 117	4.07% 5	0.81% 1		100.00% 123
				Planning and Execution	93.55% 116	5.65% 7	0.81% 1		100.00% 124
			Connection	Reflection	94.92% 112	4.24% 5	0.85% 1		100.00% 118
			Content	Relevance	90.40% 113	8.00% 10	1.60% 2		100.00% 125
			Critical Thinking	Synthesis	90.24% 111	8.94% 11	0.81% 1		100.00% 123
		Reflection	Communication	Communication	74.32% 55	24.32% 18	1.35% 1		100.00% 74
			Connection	Connection	66.20% 47	32.39% 23	1.41% 1		100.00% 71
			Content	Content	78.57% 55	12.86% 9	8.57% 6		100.00% 70
			Critical Thinking	Critical Thinking	74.29% 52	22.86% 16	2.86% 2		100.00% 70