

## **Hutchinson Community College** **2023-2024 Academic Assessment Year-End Report**

### **Course Assessment**

During each term, faculty report completion and achievement of course outcomes for all courses they taught. Faculty include information about the assessment instrument used and recommendations for teaching the course outcome in the future.

Table 1: Three-Year Comparison of Course Outcome Achievement

2021/2022			2022-2023			2023-2024		
Fall	Spring	2021-2022	Fall	Spring	2022-2023	Fall	Spring	2022-2023
89.8%	90.5%	90.2%	91.1%	91.8%	91.3%	90.9%	91.4%	91.0%

At the end of the 2023–2024-year, course outcomes achievement remained the same at 91%. Achievement rates will continue to be monitored. Data will continue to drive our course changes, instructional practices, and professional development.

Faculty will continue to adjust their teaching to improve course outcome achievement rates. Table 2 provides examples of modifications made after assessing course outcomes.

Table 2: Examples of Course Modifications

2023-2024 Courses	Modifications after Assessing Course Outcomes
AE155 Electrical Maintenance	Provide an in-depth breakdown of relay and timers. As well as making sure students understand the principles of a coil.
GE101 World Geography	<i>This is a follow up from a modification from the 22-23 academic year. This seems to have gone well. I think that the notes packs, review sheet, and review session helped students prepare.</i>
MA106 College Algebra	Students in this class understood graphing well, but I could spend a

	bit more time introducing the general shape of logarithmic and exponential functions. They weren't always completely accurate finding the intercepts and knowing the general shape of the graph.
NR221 Leadership & Management Concepts in Nursing Practicum	Continued review and update of modules to include new advances in the medical field to ensure the students are exposed to up-to-date nursing information.

### **Program Assessment**

For the HutchCC Program Review process, the department chair, program faculty, and other relevant participants review and set goals for an academic program on a five-year cycle. This process includes an analysis of capacity, demand, curriculum, quality of program outcomes, and impact/justification/overall essentiality. The following programs were reviewed during the 2023-2024 academic year:

- Cosmetology
- General Education - Humanities
- Machine Technology

Examples of program goals based upon the assessment of data are:

- **Cosmetology** – Create Esthetics and Nail Certificate programs with curriculum that aligns with KBOC (Kansas Board of Cosmetology) and our existing Cosmetology program.
- **General Education – Humanities** - Ensure that course offerings align with transfer requirements in addition to meeting student need for non-transfer programs.
- **Machine Technology** – Identify areas to update curriculum based on use of modernized equipment.

### **Institutional Assessment**

Hutchinson Community College endorses five institution-wide outcomes:

- I. Demonstrate the ability to think critically and make reasonable judgments by analyzing, combining, and evaluating information.
- II. Demonstrate the skills necessary to access and manipulate information through various methods.
- III. Demonstrate effective communication through reading, writing, listening, and speaking.
- IV. Demonstrate effective interpersonal and collaborative skills.
- V. Demonstrate effective quantitative-reasoning and computational skills.

HutchCC assesses institution-wide outcomes through course outcome reporting and standardized rubrics.

### **Course Outcome Reporting**

Each course has at least one outcome mapped to an institution-wide outcome. Table 3 represents the success rate for each institution-wide outcome based upon course outcome completion and achievement.

Table 3: Institution-Wide Outcomes Assessment  
Based on Course Outcomes Reporting

	2021- 2022	2022- 2023	2023- 2024
I	87.8%	88.60%	87.29%
II	87.2%	88.10%	89.76%
III	93.4%	93.40%	92.97%
IV	94.3%	93.50%	93.18%
V	80.0%	81.40%	78.66%

Mapping course outcomes to our institution-wide goals has strengthened alignment. According to data, we see a slight decline in four of the five institution-wide outcomes. We will continue to monitor outcome achievement.

### **Graduate Questionnaire**

All students graduating from Hutchinson Community College are invited to complete a survey about their experience. For this survey administration 24% of our 1082 graduates participated. Table 4 represents how graduates believe their experience at HutchCC impacted their abilities as aligned with our Institution-Wide Outcomes.

Table 4: Institution-Wide Outcomes (IWO) Assessment Based on Graduate Questionnaire

<b>I-WO</b>	<b>Prompt</b>	<b>Answer</b>	<b>22-23</b>	<b>23-24</b>
<b>I: Critical Thinking</b>	My ability to think critically	Strongly Agree	34.70%	35.18%
		Agree	61.10%	57.13%
		Disagree	2.30%	1.98%
		Strongly Disagree	0.40%	1.19%
	My ability to make reasonable judgements	Strongly Agree	35%	35.18%
		Agree	62%	54.94%
		Disagree	1.10%	3.16%
		Strongly Disagree	0.40%	1.19%
<b>II: Information Literacy</b>	My ability to access information	Strongly Agree	38.30%	36.11%
		Agree	55%	50.79%
		Disagree	4.20%	3.57%
		Strongly Disagree	0.40%	1.98%
	My ability to manipulate information	Strongly Agree	34.40%	36.11%
		Agree	55%	50.79%
		Disagree	6.50%	3.57%
		Strongly Disagree	1.20%	1.98%
<b>III: Communication</b>	My reading skills	Strongly Agree	25.50%	27.56%
		Agree	60%	50.39%
		Disagree	7%	8.66%
		Strongly Disagree	2%	1.97%

	My writing skills	Strongly Agree	34.20%	30.31%
		Agree	54%	51.57%
		Disagree	5.70%	9.06%
		Strongly Disagree	1.50%	1.18%
	My listening skills	Strongly Agree	30.20%	32.54%
		Agree	61.10%	52.38%
		Disagree	3.80%	7.94%
		Strongly Disagree	1%	0.79%
	My speaking skills	Strongly Agree	33%	34.52%
		Agree	55.40%	48.02%
		Disagree	4%	7.94%
		Strongly Disagree	1.50%	1.59%
<b>IV: Interpersonal Communication</b>	My interpersonal skills	Strongly Agree	38%	35.83%
		Agree	55%	50.39%
		Disagree	3.40%	5.12%
		Strongly Disagree	1%	1.18%
	My collaborative skills	Strongly Agree	31%	34.78%
		Agree	57.30%	49.01%
		Disagree	5.70%	5.93%
		Strongly Disagree	1.20%	1.19%
<b>V: Quantitative Reasoning</b>	My quantitative-reasoning skills	Strongly Agree	32%	31.35%
		Agree	56%	46.43%
		Disagree	4.20%	9.13%
		Strongly Disagree	2.30%	2.78%
	My computational skills	Strongly Agree	30%	31.50%
		Agree	57%	48.03%
		Disagree	5.30%	7.48%
		Strongly Disagree	1.10%	1.97%

According to graduates who completed the questionnaire, many continue to agree or strongly agree that their experience at HutchCC was aligned with our institution-wide outcomes as evidenced above. There is an increase in students who do not believe their experience at HutchCC impacted their abilities as aligned with our Institution-Wide Outcomes. The Assessment Subcommittee will investigate the root causes of this shift and will communicate with the appropriate departments.

### **Quantitative Reasoning Rubric Assessment**

During the 2023-2024 academic year, the quantitative reasoning rubric was used to assess I-WO V: Demonstrate effective quantitative-reasoning and computational skills.

Table 5: Quantitative Reasoning Assessment Data

Classes Assessed	Completers of Course Outcome	Students Assessed as Proficient or Exemplary	Achievement Rate
64	1139	869	76.29%

Assessed on skills related to competency and comfort in working with numerical data, 76.29% of students achieved with a designation of proficient or exemplary. This skill is important for HutchCC students as they move into the workforce or transfer to another institution. Students with this skill possess the ability to reason and solve quantitative problems and can clearly communicate their reasoning.

### **Co-Curricular Assessment**

During the 2023-2024 academic year, the Assessment Subcommittee refined our definition of co-curricular using guidance from our accreditor the Higher Learning Commission (HLC). For this report, we define co-curricular as learning activities, programs, and experiences that reinforce the institution's mission and values while complementing the formal curriculum. During spring 2024, the Co-Curricular Experience Survey was administered and completed by 32 students from a pre-determined subgroup of co-curricular activities (Hutchinson Collegian, Honors Program, and Dragons Tale Magazine). This is fewer students than our previous

administration. Students completed both multiple choice and open-ended questions to provide both quantitative and qualitative data about their co-curricular experience.

*Table 8: Institution-Wide Outcomes Assessment  
Based on Co-Curricular Experience Survey Results*

	Prompt	Answer	2021-2022		2022-2023		2023-2024	
–	Participating in the co-curricular activity positively affected my academic experience at HutchCC.	Strongly Agree	33	51.5%	44	47.8%	18	56.2%
		Agree	23	35.9%	39	42.4%	12	37.5%
		Disagree	8	12.5%	9	9.8%	2	6.3%
		Strongly Disagree	0	0.0%	0	0.0%	0	0.0%
IWO I: Critical Thinking	The co-curricular activity helped me develop the ability to think critically and make reasonable judgements.	Strongly Agree	34	53.1%	36	39.1%	19	59.4%
		Agree	26	40.6%	49	53.2%	13	40.6%
		Disagree	4	6.2%	6	6.5%	0	0.0%
		Strongly Disagree	0	0.0%	1	1.1%	0	0.0%
IWO II: Information Literacy	The co-curricular activity helped me gain the skills necessary to access and manipulate information.	Strongly Agree	31	48.4%	34	37.0%	20	62.5%
		Agree	27	42.1%	46	50.0%	12	37.5%
		Disagree	5	7.8%	12	13.0%	0	0.0%
		Strongly Disagree	1	1.5%	0	0.0%	0	0.0%
IWO III: Communication	The co-curricular activity helped me develop effective communication skills through reading, writing, listening, and speaking.	Strongly Agree	33	51.5%	38	41.3%	23	71.9%
		Agree	25	39.0%	48	52.2%	8	25.0%
		Disagree	5	7.8%	6	6.5%	1	31.0%
		Strongly Disagree	1	1.5%	0	0.0%	0	0.0%
IWO IV: Interpersonal Communication	The co-curricular activity helped me develop effective interpersonal and collaborative skills.	Strongly Agree	39	60.9%	45	49.5%	24	75.0%
		Agree	21	32.8%	42	46.0%	6	18.8%
		Disagree	4	6.3%	3	3.3%	2	6.3%
		Strongly Disagree	0	0.0%	1	1.1%	0	0.0%
	The co-curricular activity helped	Strongly Agree	32	50.0%	38	41.3%	16	50.0%

IWO V: Quantitative Reasoning	me develop effective quantitative- reasoning and computational skills.	Agree	22	34.3%	38	41.3%	15	46.9%
		Disagree	8	12.5%	15	16.3%	1	0.0%
		Strongly Disagree	2	3.1%	1	1.1%	0	0.0%

According to student feedback, 96.9% of students agree or strongly agree that participation in co-curricular activities helped them develop effective quantitative reasoning skills. Students agree or strongly agree 93.7% of the time that participation in co-curricular activities positively impacted their academic experience. This is a 9.5% increase from the 2021-2022 year with 87.4% agreeing that co-curricular activities positively impacted their academic experience. The Assessment Subcommittee will continue to monitor these data. When asked what students like best about being involved in co-curricular activities they said the following:

- "I love the community that I've made with other journalists, fun times, and opportunities this group has allowed me to have."
- "I enjoyed the relationships that I have built in Honors, as well as the opportunity to dive deeper into a subject that I had been interested in but had not known very much about previously."
- "Getting to create a project that everybody can see and giving students an opportunity to show achievements."

### Summary:

HutchCC continues to focus on our Institution-wide goals.

- 91% of our students achieving proficient or higher on course outcome assessments. This shows consistent alignment with our institution-wide and course outcomes to student achievement.
- We reviewed and revised 3 programs based on student and teacher input.
- There is a slight decline in student achievement for outcomes aligned to Institution-Wide Outcomes.
- A majority of graduates surveyed continue to agree or strongly agree that HutchCC improved their ability to think critically, access and manipulate information, communicate effectively, collaborate with others and use quantitative reasoning skills.
- Based on our co-curricular survey, 96.9% agreed or strongly agreed that participating in co-curricular activities helped improve their quantitative reasoning skills.

HutchCC's Assessment Subcommittee will continue to monitor our progress and share information to all departments to improve each student's learning and experience.