Core Competency: Critical Thinking

Students will be able to examine, critique and synthesize information in order to arrive at reasoned conclusions.

Outcome Measure:

ETS Proficiency Profile Exam

Criteria for Success (how do you judge if the students have met your standards):

70% of the students will be marginal or proficient at Level 2 Reading/Critical Thinking.

Aligned with DQP Learning Areas (circle one or more but not all five):

- 1. Specialized Knowledge
- 2. Broad Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning, and
- 5. Civic and Global Learning

Longitudinal Data:

ETS Proficiency Profile - Percentage of Students Marginal or Proficient

	14/15	15/16	16/17	17/18	18/19	2019-20	2020-21	2021-22	2022-23
Number of Stu	42	59	45	27	17	22	27	17	24
Level 2 Critical Thinking	73.8%	79.7%	66.7%	77.8%	47.1%	68.2%	44.4%	70.6%	70.8%

Conclusions Drawn from Data:

2022-23, the criteria of 70% was met now for two years in a row. Critical thinking development has been a priority of the department.

Changes to be Made Based on Data:

The focus of development will remain a priority as we design our courses and assignments with intentionality.

Rubric Used

No rubric. We use the ETS Proficiency Profile test results.

Core Competency: Written

Students will be able to effectively express ideas and information to others through written communication.

Outcome Measure:

ETS Proficiency Profile Exam

Criteria for Success (how do you judge if the students have met your standards):

75% of the students will be marginal or proficient at Level 2 Writing.

Aligned with DQP Learning Areas (circle one or more but not all five):

- 1. Specialized Knowledge
- 2. Broad Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning, and
- 5. Civic and Global Learning

Longitudinal Data:

ETS Proficiency Profile - Percentage of Students Marginal or Proficient

	14/15	15/16	16/17	17/18	18/19	2019-20	2020-21	2021-22	2022-23
Number of stu	42	59	45	27	17	22	27	17	24
Level 2 Writing	71.4%	84.7%	75.6%	81.5%	58.8%	54.5%	55.6%	64.7%	75.0%

Conclusions Drawn from Data:

The criterion of 75% was met, which is an increase from the last four years.

Changes to be Made Based on Data:

A continued focus on writing implemented throughout all programs from introductory level to mastery level. After program review, a core research course was recommended to focus on scholarly writing. This research course is now in process and this improvement may be reflective. Also, scholarly writing is carefully designed in all programs. We will continue this focus.

Rubric Used

No rubric. We use the ETS Proficiency Profile test results.

Core Competency: Quantitative Reasoning

Students will be able to solve problems that are quantitative in nature.

Outcome Measure:

ETS Proficiency Profile Exam

Criteria for Success (how do you judge if the students have met your standards):

70% of the students will be marginal or proficient at Level 2 Math.

Aligned with DQP Learning Areas (circle one or more but not all five):

- 1. Specialized Knowledge
- 2. Broad Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning, and
- 5. Civic and Global Learning

Longitudinal Data:

ETS Proficiency Profile - Percentage of Students Marginal or Proficient

	14/15	15/16	16/17	17/18	18/19	2019-20	2020-21	2021-22	2022-23
Number of stu	42	59	45	27	17	22	27	17	24
Level 2 Math	66.7%	76.3%	77.8%	66.7%	82.4%	59.1%	51.9%	70.6%	50%

Conclusions Drawn from Data:

This score in quantitative reasoning decreased significantly. The criteria of 70% was not met.

Changes to be Made Based on Data:

To continue to focus on the practical application of quantitative reasoning throughout the programs.

Rubric Used

No rubric. We use the ETS Proficiency Profile test results.

Core Competency: Writing

Students will be able to write about their work with precision, clarity and organization through written communication.

Outcome Measure:

Preparation of a personal professional ePortfolio in Senior Seminar course focused on professional philosophy and code of ethics.

Criteria for Success (if applicable):

80% of students will score a three or higher on each criteria of a four-point rubric.

Aligned with DQP Learning Areas (highlight one or more):

- 1. Specialized Knowledge
- 2. Broad and Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning
- 5. Civic and Global Learning

Longitudinal Data:

CHD40	CHD4097		Context Genre and					
		and	Content	Disciplinary	Sources and	Syntax and		
Semester	Ν	Purpose	Development	Conventions	Evidence	Mechanics		
Fall 2014	17	94%	94%	94%	94%	94%		
Spring 2015	25	88%	96%	88%	92%	92%		
Fall 2015	26	100%	92%	92%	100%	100%		
Spring 2016	34	100%	97%	97%	100%	96%		

Written Communication Value Rubric – percentage of students scoring three or higher:

Spring 2017	33	100%	88%	97%	94%	94%
Fall 2017	13	100%	100%	100%	100%	100%
Spring 2018	25	100%	96%	96%	100%	96%
Fall 2018	12	92%	83%	92%	83%	100%
Spring 2019	25	100%	96%	96%	100%	96%
Fall 2019	13	96%	100%	100%	100%	96%
Spring 2020	11	100%	100%	100%	100%	100%
Fall 2020	20	100%	100%	100%	100%	96%
Spring 2021	11	100%	100%	100%	100%	100%
Fall 2021	8	100%	100%	100%	100%	100%
Spring 2022	10	100%	100%	100%	100%	100%
Fall 2022	10	100%	100%	100%	100%	100%
Spring 2023	13	100%	100%	100%	100%	100%

Conclusions Drawn from Data:

Criteria for success was met fall 2022 and spring 2023. Both fall 2022 and spring 2023, it was 100% across the board in all categories.

Changes to be Made Based on Data:

Each year, new pedagogy is implemented in scaffolding students writing their professional statements including professional philosophy and code of ethics. One significant change is that their personal statements are not only being peer-reviewed, but one-on-one consultation with the professor twice a semester is required. Another change is, with the help of Canvas, writing assignments are structured in smaller segments. This has led to successful outcomes. We will continue to implement these changes and high expectations going forward.

Rubric Used:

AAC&U Written Communication Rubric

SSWFS: Family Sci CC Data, 2022-2023 Rubric Used

WRITTEN COMMUNICATION VALUE RUBRIC

for more information, please contact value@aacu.org



Definition: Written communication is the development and expression of ideas in writing. Written communication involves learning to work in many genres and styles. It can involve working with many different writing technologies, and mixing texts, data, and images. Written communication abilities develop through iterative experiences across the curriculum.

Evaluators are encouraged to assign a zero to any work sample or collection of work that does not meet benchmark (cell one) level performance.

	Capstone	Miles	stones	Benchmark
	4	3	2	1
Context of and Purpose for Writing Includes considerations of audience, purpose, and the circumstances surrounding the writing task(s).	Demonstrates a thorough understanding of context, audience, and purpose that is responsive to the assigned task(s) and focuses all elements of the work.	Demonstrates adequate consideration of context, audience, and purpose and a clear focus on the assigned task(s) (e.g., the task aligns with audience, purpose, and context).	Demonstrates awareness of context, audience, purpose, and to the assigned tasks(s) (e.g., begins to show awareness of audience's perceptions and assumptions).	Demonstrates minimal attention to context, audience, purpose, and to the assigned tasks(s) (e.g., expectation of instructor or self as audience).
Content Development	Uses appropriate, relevant, and compelling content to illustrate mastery of the subject, conveying the writer's understanding, and shaping the whole work.	Uses appropriate, relevant, and compelling content to explore ideas within the context of the discipline and shape the whole work.	Uses appropriate and relevant content to develop and explore ideas through most of the work.	Uses appropriate and relevant content to develop simple ideas in some parts of the work.
Genre and Disciplinary Conventions Formal and informal rules inherent in the expectations for writing in particular forms and/or academic fields (please see glossary).	Demonstrates detailed attention to and successful execution of a wide range of conventions particular to a specific discipline and/or writing task (s) including organization, content, presentation, formatting, and stylistic choices	Demonstrates consistent use of important conventions particular to a specific discipline and/or writing task(s), including organization, content, presentation, and stylistic choices	Follows expectations appropriate to a specific discipline and/or writing task(s) for basic organization, content, and presentation	Attempts to use a consistent system for basic organization and presentation.
Sources and Evidence	Demonstrates skillful use of high- quality, credible, relevant sources to develop ideas that are appropriate for the discipline and genre of the writing	Demonstrates consistent use of credible, relevant sources to support ideas that are situated within the discipline and genre of the writing.	Demonstrates an attempt to use credible and/or relevant sources to support ideas that are appropriate for the discipline and genre of the writing.	Demonstrates an attempt to use sources to support ideas in the writing.
Control of Syntax and Mechanics	Uses graceful language that skillfully communicates meaning to readers with clarity and fluency, and is virtually error-free.	Uses straightforward language that generally conveys meaning to readers. The language in the portfolio has few errors.	Uses language that generally conveys meaning to readers with clarity, although writing may include some errors.	Uses language that sometimes impedes meaning because of errors in usage.

Core Competency: Oral Communication

Student will be able to speak about their work with precision, clarity, and organization (Oral Communication).

Outcome Measure:

Presentation of personal professional ePortfolio in Senior Seminar course to faculty, peers, administration and staff

Criteria for Success:

80% of students will score a three or higher on each criteria of a four-point rubric

Aligned with DQP Learning Areas (circle one or more):

- 1. Specialized Knowledge
- 2. Broad and Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning
- 5. Civic and Global Learning

Longitudinal Data:

Oral Communication Value Rubric - Percentage of students scoring 3 or higher:

CHD4097					Supporting	Central
Semester	Ν	Organization	Language	Delivery	Material	Message
Fall 2014	17	94%	82%	76%	94%	94%
Spring 2015	25	84%	88%	92%	92%	100%
Fall 2015	26	96%	96%	88%	100%	96%
Spring 2016	34	97%	100%	97%	97%	97%
Spring 2017	33	91%	88%	85%	97%	97%
Fall 2017	13	100%	92%	85%	100%	100%
Spring 2018	24	100%	100%	92%	91%	100%
Fall 2018	5	100%	100%	100%	100%	100%
Spring 2019	10	100%	100%	100%	100%	100%
Fall 2019	13	100%	100%	100%	100%	100%
Spring 2020	11	100%	100%	100%	100%	100%
Fall 2020	20	98%	100%	100%	100%	100%
Spring 2021	11	100%	100%	100%	100%	100%
Fall 2021	8	100%	100%	100%	100%	100%
Spring 2022	10	100%	100%	100%	100%	100%
Fall 2022	10	100%	100%	100%	100%	100%
Spring 2023	13	100%	100%	100%	100%	100%

Conclusions Drawn from Data:

The senior students in both seminar courses fall 2022 and spring 2023, not only met the 80% criteria, but reached 100% across the board. These are face-to-face oral presentations. Oral presentations were assessed fall 2022 by 6 assessors and spring 2023 by 7 assessors.

Changes to be Made Based on Data:

Even though these scores are at the exceptional level, an added assignment in the course starting Fall 2021, is for students to critique 2 TED Talk oral presentations. A continued focus on individual scaffolding by the professor in creating their personal philosophy and code of ethics. Thus creating more confidence in what they believe and value; developing a stronger professional voice. Students are encouraged to practice their presentations the week before and are allowed to use notecards as cues, but not to read from. Spring 2021, an added element was to highlight essential components needed in strong oral communication. This added scaffolding, helped students with stronger organization and a focus on using powerful language. The faculty felt that this was the strongest presentations we have had to date. High expectations will continue.

Rubric Used:

AAC&U Oral Communication Rubric

ORAL COMMUNICATION VALUE RUBRIC

for more information, please contact value@aacu.org



Definition: Oral communication is a prepared, purposeful presentation designed to increase knowledge, to foster understanding, or to promote change in the listeners' attitudes, values, beliefs, or behaviors. *Evaluators are encouraged to assign a zero to any work sample or collection of work that does not meet benchmark (cell one) level performance.*

	Capstone (4)	Milestones (3)	Milestones (3)	Benchmark (1)
Organization	Organizational pattern (specific introduction and conclusion, sequenced material within the body, and transitions) is clearly and consistently observable and is skillful and makes the content of the presentation cohesive.	Organizational pattern (specific introduction and conclusion, sequenced material within the body, and transitions) is clearly and consistently observable within the presentation.	Organizational pattern (specific introduction and conclusion, sequenced material within the body, and transitions) is intermittently observable within the presentation.	Organizational pattern (specific introduction and conclusion, sequenced material within the body, and transitions) is not observable within the presentation.
Language	Language choices are imaginative, memorable, and compelling, and enhance the effectiveness of the presentation. Language in presentation is appropriate to audience.	Language choices are thoughtful and generally support the effectiveness of the presentation. Language in presentation is appropriate to audience.	Language choices are mundane and commonplace and partially support the effectiveness of the presentation. Language in presentation is appropriate to audience.	Language choices are unclear and minimally support the effectiveness of the presentation. Language in presentation is not appropriate to audience.
Delivery	Delivery techniques (posture, gesture, eye contact, and vocal expressiveness) make the presentation compelling, and speaker appears polished and confident.	Delivery techniques (posture, gesture, eye contact, and vocal expressiveness) make the presentation interesting, and speaker appears comfortable.	Delivery techniques (posture, gesture, eye contact, and vocal expressiveness) make the presentation understandable, and speaker appears tentative.	Delivery techniques (posture, gesture, eye contact, and vocal expressiveness) detract from the understandability of the presentation, and speaker appears uncomfortable.
Supporting Material	A variety of types of supporting materials (explanations, examples, illustrations, statistics, analogies, quotations from relevant authorities) make appropriate reference to information or analysis that significantly supports the presentation or establishes the presenter's credibility/authority on the topic.	Supporting materials (explanations, examples, illustrations, statistics, analogies, quotations from relevant authorities) make appropriate reference to information or analysis that generally supports the presentation or establishes the presenter's credibility/authority on the topic.	Supporting materials (explanations, examples, illustrations, statistics, analogies, quotations from relevant authorities) make appropriate reference to information or analysis that partially supports the presentation or establishes the presenter's credibility/authority on the topic.	Insufficient supporting materials (explanations, examples, illustrations, statistics, analogies, quotations from relevant authorities) make reference to information or analysis that minimally supports the presentation or establishes the presenter's credibility/authority on the topic.
Central Message	Central message is compelling (precisely stated, appropriately repeated, memorable, and strongly supported.)	Central message is clear and consistent with the supporting material.	Central message is basically understandable but is not often repeated and is not memorable.	Central message can be deduced, but is not explicitly stated in the presentation.

Core Competency: Information Literacy

Student will be able to identify, locate, evaluate, and effectively and responsibly use and cite information for the task at hand (Information Literacy).

Outcome Measure:

Individual literature review from group research project.

Criteria for Success:

80% of students will score a three or higher on each criteria of a four-point rubric

Aligned with DQP Learning Areas (circle one or more):

- 1. Specialized Knowledge
- 2. Broad and Integrative Knowledge
- 3. Intellectual Skills/Core Competencies
- 4. Applied and Collaborative Learning
- 5. Civic and Global Learning

Longitudinal Data:

Information Literacy Value Rubric - Percentage of students scoring 3 or higher:

CHD4097		Determine Extent	Access	Evaluate	Use	Access/Use
		of Information	Needed	Information	Information	Ethically &
Semester	N	Needed	Information	& Sources	for a Purpose	Legally
Fall 2015	6	100%	100%	100%	100%	100%
Spring 2016	25	100%	92%	96%	100%	100%
Spring 2017	19	95%	89%	100%	95%	74%
Fall 2017	6	100%	100%	100%	100%	67%
Spring 2018	11	100%	100%	91%	100%	73%
Fall 2018	7	100%	86%	86%	100%	86%
Spring 2019	9	100%	100%	100%	100%	89%
Fall 2019	13	100%	91%	91%	82%	100%
Spring 2020	11	100%	100%	100%	100%	100%
Fall 2020	20	90%	98%	98%	98%	95%
Spring 2021	11	100%	100%	100%	100%	100%
Fall 2021	8	100%	100%	100%	100%	100%
Spring 2022	8	100%	100%	100%	100%	100%
Fall 20222	10	100%	100%	100%	100%	100%
Spring 2023	13	100%	100%	100%	100%	100%

Conclusions Drawn from Data:

The criteria for success of 85% was met in all categories both fall 2022 and spring 2023. In fact, 100% was across the board in all categories both fall and spring.

Changes to be Made Based on Data:

A continual focus on scholarly writing will be highlighted in all programs. The added Research Basics class is believed to have helped these scores improve. The department is working closely with the library staff in developing this skill across the programs. This will continue.

Rubric Used:

AAC&U Information Literacy Rubric

INFORMATION LITERACY VALUE RUBRIC



Definition: The ability to know when there is a need for information, to be able to identify, locate, evaluate, and effectively and responsibly use and share that information for the problem at hand. - The National Forum on Information Literacy (*Evaluators are encouraged to assign a zero to any work sample or collection of work that does not meet benchmark (cell one) level performance.*)

	Capstone (4)	Milestones (3)	Milestones (2)	Benchmark (1)
Determine the Extent of Information Needed	Effectively defines the scope of the research question or thesis. Effectively determines key concepts. Types of information (sources) selected directly relate to concepts or answer research question.	Defines the scope of the research question or thesis completely. Can determine key concepts. Types of information (sources) selected relate to concepts or answer research question.	Defines the scope of the research question or thesis incompletely (parts are missing, remains too broad or too narrow, etc.). Can determine key concepts. Types of information (sources) selected partially relate to concepts or answer research question.	Has difficulty defining the scope of the research question or thesis. Has difficulty determining key concepts. Types of information (sources) selected do not relate to concepts or answer research question.
Access the Needed Information	Accesses information using effective, well-designed search strategies and most appropriate information sources.	Accesses information using variety of search strategies and some relevant information sources. Demonstrates ability to refine search.	Accesses information using simple search strategies, retrieves information from limited and similar sources.	Accesses information randomly, retrieves information that lacks relevance and quality.
Evaluate Information and its Sources Critically* *Corrected Dimension 3: Evaluate Information and its Sources Critically in July 2013	Chooses a variety of information sources appropriate to the scope and discipline of the research question. Selects sources after considering the importance (to the researched topic) of the multiple criteria used (such as relevance to the research question, currency, authority, audience, and bias or point of view.)	Chooses a variety of information sources appropriate to the scope and discipline of the research question. Selects sources using multiple criteria (such as relevance to the research question, currency, and authority.)	Chooses a variety of information sources. Selects sources using basic criteria (such as relevance to the research question and currency.)	Chooses a few information sources. Selects sources using limited criteria (such as relevance to the research question.)
Use Information Effectively to Accomplish a Specific Purpose	Communicates, organizes and synthesizes information from sources to fully achieve a specific purpose, with clarity and depth	Communicates, organizes and synthesizes information from sources. Intended purpose is achieved.	Communicates and organizes information from sources. The information is not yet synthesized, so the intended purpose is not fully achieved.	Communicates information from sources. The information is fragmented and/or used inappropriately (misquoted, taken out of context, or incorrectly paraphrased, etc.), so the intended purpose is not achieved.
Access and Use Information Ethically and Legally	Students use correctly all of the following information use strategies (use of citations and references; choice of paraphrasing, summary, or quoting; using information in ways that are true to original context; distinguishing between common knowledge and ideas requiring attribution) and demonstrate a full understanding of the ethical and legal restrictions on the use of published,	Students use correctly three of the following information use strategies (use of citations and references; choice of paraphrasing, summary, or quoting; using information in ways that are true to original context; distinguishing between common knowledge and ideas requiring attribution) and demonstrates a full understanding of the ethical and legal restrictions on the use of published,	Students use correctly two of the following information use strategies (use of citations and references; choice of paraphrasing, summary, or quoting; using information in ways that are true to original context; distinguishing between common knowledge and ideas requiring attribution) and demonstrates a full understanding of the ethical and legal restrictions on the use of published,	Students use correctly one of the following information use strategies (use of citations and references; choice of paraphrasing, summary, or quoting; using information in ways that are true to original context; distinguishing between common knowledge and ideas requiring attribution) and demonstrates a full understanding of the ethical and legal restrictions on the use of published,

SSWFS: Family Sci CC Data, 2022-2023

| confidential, and/or proprietary information. |
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