Fall 2023-Spring 2024

University Assessment Services



Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Contents

Contents	2
1. Mission	
2. Learning Outcomes	3
3. Alignment between Learning Outcomes and Course Ca	tegories
4. General Education Curriculum Administration	6
4.1. Council on General Education	6
4.2. Associate Vice President for Undergraduate Education	1€
5. General Education Assessment Administration	
5.1. Purpose of General Education Assessment	
5.2. Responsibility for General Education Assessment	
5.3. Rationale for a General Education Assessment Plan	
5.4. General Education Assessment Plan Principles	3
5.5. General Education Assessment Processes	3
5.6. Direct Assessment	1
5.7. Indirect Assessment	1 ²
5.8. Meta-evaluation: General Education Process Review	12
5.9. Fall 2023- Spring 24 Assessment Plan Details	13
6. Faculty Engagement	14
6.1. Summits & Conferences	14
6.2. Professional Development	14
6.3. Faculty Involvement in Assessment	14
7. Using Results	16
Appendices	17
Appendix A. Rubrics	18
Appendix B. General Education Student Survey	39
Appendix C. NSSE Item Mapping	42

Illinois State University – Last update: October 2023 – Back to Table of Contents

1. Mission

Illinois State University's General Education Program prepares students to be globally engaged citizens who seek knowledge, appreciate diversity, think critically, communicate effectively, act responsibly and work collaboratively.

Illinois State University is committed to:

- A motivating and engaging faculty and staff who inspire curiosity and empower students;
- A seamless integration of curriculum and co-curriculum that engages students, extends beyond the classroom, and broadens their perspectives.

2. Learning Outcomes

Upon the successful completion of the General Education Program, students will have gained:

- 1. knowledge of diverse human cultures and the physical and natural world, allowing them to:
 - a) use theories and principal concepts, both contemporary and enduring, to understand technologies, diverse cultures, and the physical and natural world
 - b) explain how the combination of the humanities, fine arts, natural and social sciences, and technology contribute to the quality of life for individuals and communities
 - c) experience and reflect on global issues
- 2. intellectual and practical skills, allowing them to:
 - a) make informed judgments
 - b) analyze data to examine research questions and test hypotheses
 - c) report information effectively and responsibly
 - d) write in a variety of genres, contexts, and disciplines
 - e) deliver purposeful presentations that inform attitudes or behaviors
- 3. personal and social responsibility, allowing them to:
 - a) participate in activities that are both individually life-enriching and socially beneficial to a diverse community
 - b) interact competently in a variety of cultural contexts
 - c) demonstrate ethical decision making
 - d) demonstrate the ability to think reflectively
- 4. integrative and applied learning, allowing them to:
 - a) identify and solve problems
 - b) transfer learning to novel situations
 - c) work effectively in teams

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

3. Alignment between Learning Outcomes and Course Categories

Figure 3.1 Learning Outcomes and Course Category Alignment

	Learning	Disciplinary			# of Required
Category	outcomes	areas	Courses	Group	Courses
Composition as critical inquiry	2a, 2b, 2c, 2d, 3c^, 3d, 4a, 4c	ENG	ENG 101 or ENG101A10	1	1
Communications as critical inquiry	2a, 2c, 2e, 3a^, 3c, 4a, 4b, 4c	COM	COM 110 or COM110A10	1	1
Mathematics	1a, 2a, 2b, 2c^, 3d, 4a	MAT	MAT 113, MAT 113A10, MAT 120, MAT 130, MAT 145	1	1
Quantitative reasoning Students pursuing a B.A. degree must complete the equivalent of LAN 115 or higher rather than one of these courses.	1a, 1b, 1c^, 2a, 2b, 2c, 3c^, 4a	BE, FIL, ECON, GEO, HSC, MAT, PHI, PHY, POL, PSY	BE 141 / FIL 141, ECO 138 (B.SSMT), GEO 138 (B.SSMT), HSC 204, MAT 121 (B.SSMT), MAT 131, MAT 146 (B.SSMT), MAT 150, MGT 100 (B.SSMT), PHI 112, PHY 117 (B.SSMT), POL 138 (B.SSMT), PSY 138 (B.SSMT)	2	1
Natural Sciences		BSC, CHE, GEO, PHY, SOC	BSC 101, BSC 101A10, CHE 102, GEO 102, GEO 103, PHY 102, PHY 103, SOC 103. Certain majors require a Natural Science Alternative course that substitutes for the courses above. See individual major requirements: BSC 196, BSC 197, CHE 110/112, CHE 140, PHY 105, PHY 108, PHY 110	1	2
Science, Mathematics, and Technology		AGR, ANT, BSC, FCS, HSC, KNR, GEO, IDS, IT, PHY, TEC	AGR 203 (B.SSMT), ANT 102, ANT 105, BSC 145 (B.SSMT), BSC 160 (B.SSMT), BSC 170 (B.SSMT), BSC 202 (B.SSMT), FCS 208 / HSC 208 / KNR 208, GEO 202 (B.SSMT), GEO 207 (B.SSMT), GEO 211 (B.SSMT), HSC 156, HSC 206*, IDS 265, IT 140, IT 214, PHY 205 (B.SSMT), PHY 207 (B.SSMT), PHY 208 (B.SSMT), TEC 170, TEC 275	2	1
United States traditions	1b, 1c, 2a, 2b, 2c^, 2d^, 2e^, 3b, 3c, 3d, 4a, 4b^, 4c^	ENG, FCS, GEO, HIS, LAL, MUS, SED, SOC	ENG 131, FCS 112, GEO 142, HIS 111, HIS 112, HIS 131, HIS 135, HIS 136, LAL 109, MUS 156, SED 101, SOC 109, SOC 111, SOC 112	1	1
Social Sciences		AGR, ANT, ENG, LAN, CJS, CSD, ECO, FCS, GEO, HSC, IDS, MGT, POL, PSY, SOC, WGS	AGR 201, ANT 143 / ENG 143 / LAN 143, ANT 185*, ANT 197, CJS 101, CSD 115, ECO 101, ECO 102, ECO 103, FCS 222*, FCS 224, GEO 135*, GEO 235A01*, GEO 235A02*, GEO 235A04*, GEO 235A07*, HSC 170, IDS 111, IDS 113, IDS 117, MGT 120, MGT 120a01, POL 140*, PSY 110, PSY 223 / SOC 223, SOC 108, SOC 195, SOC 220*, WGS 120	2	1

Category	Learning outcomes	Disciplinary areas	Courses	Group	# of Required Courses
Individuals in civic life	1b, 1c, 2a, 2b, 2c^, 2d^, 2e^, 3b, 3c, 3d, 4a, 4b^, 4c^	ANT, CJS, COM, ENG, IDS, KNR, PHI, POL, SOC	ANT 176, CJS 102, COM 183, ENG 183, IDS 231, IDS 232, KNR 175, PHI 104, POL 101, POL 106, SOC 106, SOC 241	1	1
Fine arts	1b, 1c, 2a, 2c, 2d^, 2e^, 3b, 3c, 3d, 4a, 4b, 4c^	ART, DAN, MUS, THE	ART 155, ART 156, ART 176, ART 275*, ART 282, DAN 152, MUS 152, MUS 153*, MUS 154*, MUS 157, MUS 275*, MUS 275A01*, THE 152, THE 176A01, THE 176A02, THE 213, THE 275A01*, THE 275A02* Some music courses can be counted towards the Fine Arts category. A student must enroll in a sufficient number of ensemble courses for a total 3 hours to meet the 3 hour Fine Arts requirement.	2	1
Humanities		ENG, HIS, IDS, LAN, PHI	ENG 110, ENG 130, ENG 150, ENG 160, ENG 165, ENG 170, ENG 206*, ENG 229, ENG 250, ENG 251, ENG 261, HIS 101, HIS 102, HIS 104A01*, HIS 104A02*, HIS 104A03*, HIS 104A04*, HIS 104A05*, HIS 104A06*, HIS 105, HIS 107, HIS 285, IDS 133A05, IDS 133A08, IDS 133A21, IDS 133A22, IDS 133A27, IDS 203*, IDS 203A05*, IDS 203A10*, IDS 203A15*, IDS 213, LAN 206*, PHI 101, PHI 150, PHI 202, PHI 224, PHI 238, PHI 251	2	1
Language in the humanities		COM, ENG, LAN	COM 128, ENG 124, ENG 125, ENG 128, FRE 116, GER 116, IDS 121), IDS 212, IDS 254, ITA 116, JPN 116*, LAN 125, LAN 125A01*, LAN 128, SPA 116, SPA 120	2	1
Global studies requirement	1b, 1c, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 3c, 3d, 3e, 4a, 4b		Illinois State University offers several study abroad programs that feature a wide variety of General Education courses. Interested students should contact their academic advisor or the Office of International Studies and Programs.	na	na
Co-curriculum	1c, 2a, 2b, 2c, 2d, 2e, 3a, 3b, 3c, 3d, 4a, 4b, 4c		_	na	na

[^] Secondary outcomes

- Courses with (B.S.-SMT) satisfy the B.S.-SMT graduation requirement. Students pursuing a Bachelor of Science (B.S.) degree must have one additional science, mathematics, statistics, and/or technology course (beyond the General Education requirements)
- Group 1 courses. These are courses that are specifically selected for first-year students and concentrate on developing skills in oral and written communication, critical analysis, and broad foundations for learning in the academic disciplines.
- Group 2 courses. These are courses suited for the first two years of college. Depending on a student's major and interests, they may be taken in the first year. Some Group 2 courses have a Group 1 course as a prerequisite.

^{*}Also satisfy AMALI graduation requirement

Illinois State University – Last update: October 2023 – Back to Table of Contents

4. General Education Curriculum Administration

4.1. Council on General Education

The Council on General Education (CGE), a standing external committee of the Academic Senate, has primary responsibility for the program in collaboration with the Associate Vice President for Undergraduate Education.

The responsibilities of the Council are:1

- To coordinate the undergraduate curriculum for General Education and Interdisciplinary Studies (IDS), ensuring that the spirit of the philosophy of General Education is maintained by the program.
- To periodically review and analyze existing General Education and IDS courses and programs, based on program objectives and student outcomes.
- To report recommendations to the Academic Senate regarding program modifications.
- To provide consultation to departments, colleges, and other faculty groups planning new additions to the undergraduate curriculum for General Education and IDS.
- To review and approve or disapprove all proposals for new programs (majors, minors, and sequences), courses, and changes in existing programs/courses connected to General Education and IDS, in consultation with the Associate Vice President for Undergraduate Education.
- To provide the Academic Senate each year with a report of the Council on General Education's proceedings.

4.2. Associate Vice President for Undergraduate Education

The council is advisory to the Associate Vice President for Undergraduate Education and the Academic Affairs Committee of the Academic Senate on changes in the program itself and other recommendations such as amendments and bylaws. The Council forwards curriculum changes to the University Curriculum Committee.

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¹ https://gened.illinoisstate.edu/council/

Illinois State University – Last update: October 2023 – Back to Table of Contents

5. General Education Assessment Administration

5.1. Purpose of General Education Assessment

General Education program assessment has as its primary objectives to ensure:

- 1. Students attain the learning outcomes established for the general education curriculum, and
- 2. Faculty receive appropriate feedback to improve the curriculum and instruction

General education assessment is important for the following reasons:

- Demonstrates the strengths and weaknesses of our general education curriculum.
- Informs decision making for improvements to general education.
- Outlines student, faculty, and staff perspectives on general education.

5.2. Responsibility for General Education Assessment

Program assessment will be led by the Associate Vice President for Undergraduate Education with support and consultation from University Assessment Services (UAS).

5.3. Rationale for a General Education Assessment Plan

A general education assessment plan does the following:

- Articulates processes for demonstrating what students learn, analysis strategies for showing the strengths and weaknesses of the general education curriculum and informing decisions about general education.
- Clearly articulates responsibilities and leadership for general education assessment.
- Demonstrates internal accountability to students and faculty and external accountability to ISU's institutional accreditation agency.

Illinois State University – Last update: October 2023 – Back to Table of Contents

5.4. General Education Assessment Plan Principles

- Assessment will produce actionable improvement ideas.
- Assessment will rely on faculty expertise and the CGE in decision-making processes.
- Assessment will rely on multiple measures and assessment approaches.
- Assessment will focus on curriculum-level assessment. Results for individual courses will not be shared.
- Assessment measures will focus on learning outcomes and processes. The assessment of teaching, grades or individual students is not part of the assessment plan.
- The assessment plan will articulate a continuous process that can be sustained over time.
- The assessment plan will include opportunities for reflection and evaluation of the assessment process itself.
- The assessment plan is flexible and accommodates plan changes (see <u>Updating the General Education Assessment Plan</u>).

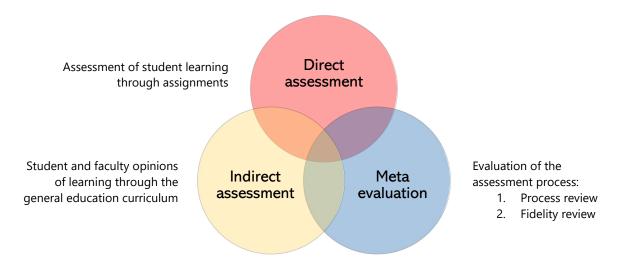
5.5. General Education Assessment Processes

5.5.1. Framework: Planning – Assessing & learning – Communicating & improving

General education assessment will include three strategies for assessing general education. Direct assessment will assess and evaluate student learning outcomes. Indirect assessment will assess faculty and student opinion about what they have learned in general education. Meta-evaluation will assess the general education assessment process itself.

The framework is described in more detail in figures 5.1 (framework), 5.2 (annual timeline) and 5.3 (category timelines).

Figure 5.1 General Education Assessment Framework



Strategy	Timeline	Activities
Direct	Year 1:	Fall:
assessment	Planning	 CGE or a panel of faculty in the category reviews learning outcomes and rubrics for the category in that year. Norming rubrics (option 1).
		Spring:
		 CGE communicates learning outcomes and revised rubrics to appropriate entities, including faculty teaching general education courses.
		Summer:
		Learning outcomes and revised rubrics input to Canvas and online by UAS.
	Year 2: Assessing & learning	 Faculty select learning outcomes appropriate for their course(s). Faculty assess assignments in Canvas. Norming rubrics (option 2).
	Year 3: Communicating & improving	Results communicated at the following venues. Faculty will be asked to document changes to the curriculum at these venues. Results in visual analytic administered by EDA. Fall and spring gen ed summits. CIPD symposium.
Indirect Assessment	Cyclical	 Student survey: every three years in spring Faculty feedback NSSE survey (gen ed items mapped)
Meta evaluation	Cyclical	Gen ed assessment process reviewFidelity review

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

5.5.2. General Education Assessment Timeline

Figure 5.2 General Education Assessment Timeline

2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
		DIRECT AS	SSESSMENT		
Planning Math & QR* (pilot) Nat. Sci. (pilot) Fine arts Humanities Critical inquiry~	Planning Ind. in civic life U.S. traditions Social sci.	Planning Math & QR Nat sciences Sci, math & tech	Planning Fine arts Humanities Critical inquiry~	Planning Ind. in civic life U.S. traditions Social sci.	Planning Math & QR* Nat sciences Sci, math & tech
Assessing & Learning Math & QR (pilot) Nat. Sci. (pilot) Ind. in civic life+ Social sci.+	Assessing & Learning Fine arts Humanities Critical inquiry~	Assessing & Learning Ind. in civic life U.S. traditions Social sci.	Assessing & Learning Math & QR Nat sciences Sci, math & tech	Assessing & Learning Fine arts Humanities Critical inquiry~	Assessing & Learning Ind. in civic life U.S. traditions Social sci.
	Communicating & Improving Math & QR (pilot) Nat. Sci. (pilot)	Communicating & Improving Fine arts Humanities Critical inquiry~	Communicating & Improving Ind. in civic life U.S. traditions Social sci.	Communicating & Improving Math & QR Nat sciences Sci, math & tech	Communicating & Improving Fine arts Humanities Critical inquiry~
		INDIRECT A	SSESSMENT		
	Indirect Student survey (spring)	Indirect NSSE#	Indirect Faculty feedback ^	Indirect Student survey (spring)	Indirect NSSE#
	ASSESSMEN	IT PLAN REVIEW &	UPDATE (META EV	VALUATION)	
Update gen ed assessment plan – UAS (summer)	Update gen ed assessment plan – UAS (summer)	Fidelity evaluation Update gen ed assessment plan – UAS (summer)	Gen ed assessment process review Update gen ed assessment plan – UAS (summer)	Update gen ed assessment plan – UAS (summer)	Fidelity evaluation Update gen ed assessment plan – UAS (summer)

^{*}QR = quantitative reasoning

⁺Fulfills HLC requirement

[#]National survey of student engagement. Another survey may be used in place of NSSE in the future.

[^]Faculty feedback may take the form of a survey, focus groups or feedback from symposia or other gatherings.

[~]Includes both composition and communication as critical inquiry.

Illinois State University – Last update: October 2023 – Back to Table of Contents

5.6. Direct Assessment

5.6.1. Overview

ISU will employ an embedded assessment process for assessing learning outcomes in general education courses. An embedded assessment approach relies on 1) course assignments and 2) faculty teaching the courses to do the assessment. This contrasts with a centrally managed approach. A centralized approach also relies on course assignments. However, the process is coordinated by an assessment coordinate or team and a panel of faculty use rubrics to assess assignments.

In the embedded assessment approach, faculty teaching general education courses will import general education outcomes into their course and assess assignments based on the outcomes. Results will be compiled in the data warehouse. The warehouse is administered by Enterprise Data Analytics (EDA). Faculty will have the opportunity to review results in a visualization created and maintained by EDA.

5.6.2 Process

More information is online at the <u>Canvas Knowledge Base</u>. The process at ISU is outlined in <u>Appendix E. Outcomes and Rubrics in Canvas: Documentation</u>. See the <u>assessment timeline</u> for the direct assessment activities.

5.6.3 Norming Rubrics

Two options for norming rubrics will be explored:

- 1. Option 1 involves norming rubrics prior to the assessment.
- 2. Option 2 is to create a process for norming rubrics after the assessment has been conducted. UAS will explore methodologies for option 2 in fall 2023.

5.7. Indirect Assessment

5.7.1 Student Survey of General Education

The general education student survey gathers feedback from students about their opinions on general education and how general education courses have contributed to their learning. The survey is administered every three years. The survey was conducted in spring 2019 and 2022. Results are used to improve the current and future general education curriculum, not evaluate specific courses, programs or instructors. Survey items are in appendix B.

5.7.2 National Survey of Student Engagement (NSSE)

The NSSE assesses the extent to which students engage in educational practices associated with high levels of learning and development. Mapped items are in <u>appendix C</u>. UAS will create a visual analytic will survey results mapped to general education outcomes in fall 2023.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

5.7.3. Syllabus Review

Time will be allotted to researching the pros and cons of a syllabus review in the Canvas environment in the 2023-24 academic year. This process is at the discretion of the CGE.

5.8. Meta-evaluation: General Education Process Review

5.8.1 Fidelity Evaluation

Fidelity evaluation is a process for matching an intervention, curriculum or program intent or design with delivery. If a general education curriculum intends to provide students with a set of learning outcomes, activities should be oriented towards delivering those outcomes.² UAS will be responsible for gathering the data. Results will be communicated to the CGE, a general education summit or ISU symposium.

Figure 5.3 Fidelity Evaluation

Fidelity area	Description	Judgment	
Adherence	Whether or not the program (courses) were actually implemented		
Exposure to courses	Data: enrollment data in general education courses		
Duration	Quantity of exposure		
Number of credit hours	Data: enrollment data in general education courses		
Quality	Degree to which program elements were delivered		
	Data:		
	Direct learning outcomes assessment		
	Faculty feedback on learning		
Participant responsiveness	Degree to which participants were receptive to the program		
,	Data:		
	Student survey of general education		
	 Student perceptions of learning through NSSE 		

² Braverman, M., 2023, Evaluating program effectiveness, Sage and Fisher, R., et al., 2014, The importance of implementation fidelity data for evaluation program effectiveness, About Campus, November-December.

Illinois State University – Last update: October 2023 – Back to Table of Contents

5.8.2. General Education Assessment Process Review (Meta Evaluation)

Meta-evaluation is a process for examining the strengths, weaknesses and areas of improvement of an assessment design. A process for conducing a meta-evaluation of the general education assessment plan will be established with CGE.

A rubric for conducting a meta-evaluation is in figure 5.4.

5.8.3. Updating the General Education Assessment Plan

The plan will be updated in the summer by University Assessment Services (UAS) staff. UAS staff will only make changes to the process, not learning outcomes or course categories. The plan will be presented to CGE early in the fall. Proposed changes will be based on 1) fidelity evaluation and 2) meta evaluation.

5.9. Fall 2023- Spring 24 Assessment Plan Details

Categories

- Math & QR (pilot) planning and assessing
- Nat. Sci. (pilot) planning and assessing
- Fine arts planning
- Humanities planning
- Critical inquiry planning

Fall 2023:

Ш	Planning: Math, Quantitative Reasoning & Natural Science
	 Input outcomes in Canvas – UAS
	Assessing & Learning: ICL, Social Sciences

Spring 2024:

Planning: Communication & Composition as Critical Inquiry
Planning: Fine Arts & Humanities

Input outcomes in Canvas – UAS

See the University Assessment Services <u>general education website</u> for details on how to align outcomes in Canvas.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

6. Faculty Engagement

6.1. Summits & Conferences

Summit and Conference	Unit / person responsible	When
General Education Summit: Fall	Assoc VP/ UAS	August
General Education Summit: CIPD symposium	Assoc VP/ UAS	January
General Education Summit: Spring	Assoc VP/ UAS	January

6.2. Professional Development

Professional development is conducted through the Center for Integrated Professional Development (CIPD). Activities specific to general education include syllabus review, learning communities and Canvas support.

6.3. Faculty Involvement in Assessment

Strategy	Engagement Opportunity	Unit / person responsible	When
Direct assessment	Embedded assessment	Gen ed faculty	Ongoing
	Access to results (Power BI)	EDA / UAS	Ongoing
Indirect assessment	Student survey – access to results	UAS	Every 3 years
	Faculty input	UAS / VPUE / CGE	Every 3 years
Meta evaluation	Input on the process	CGE	Every 3 years

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Figure 6.1 General Education Meta-evaluation Rubric

*Adapted from Western Association of Schools & Colleges (WACS) accreditation agency

Criterion	Initial	Emerging	Developed	Highly Developed
GE Outcomes	GE learning outcomes have not yet been developed for the entire GE program; there may be one or two common ones, e.g., writing, critical thinking.	the entire GE program, but list is problematic (e.g. too long, too short, unconnected to mission and values). Outcomes do not lend themselves to demonstrations of student learning.	The list of outcomes is a well- organized set of reasonable outcomes that focus on the most important knowledge, skills, and values of the GE program. Outcomes express learning can be demonstrated. Work to define levels of performance is beginning.	The list of outcomes is reasonable and appropriate. Outcomes describe how students can demonstrate learning. Faculty have agreed on explicit criteria, such as rubrics, for assessing students' mastery and have identified exemplars of student performance at varying levels for each outcome.
Curriculum Alignment with Outcomes	curriculum.	opportunities to develop each of the GE outcomes. Curriculum map may indicate opportunities to acquire outcomes. Sequencing and frequency of opportunities may be problematic	opportunities for students to learn and to	GE curriculum, pedagogy, grading, advising, etc. explicitly aligned with GE outcomes. Curriculum map and rubrics in use well known and consistently used. Co-curriculum and relevant student support services are also viewed as resources for GE learning and aligned with GE outcomes.
Assessment Planning	each GE outcome. There is no	such as selecting which outcome(s) to assess in the current year. Interpretation and use of findings for improvement are implicit rather than planned or funded. There is no individual or committee "in charge."	specific mechanisms for interpretation and use	The campus has a fully articulated, sustainable, multi-year assessment plan that describes when and how each outcome will be assessed. A coordinator or committee leads review and revision of the plan, as needed, based on experience and feedback from internal & external reviewers. The campus uses some form of comparative data (e.g., own past record, aspirational goals, external benchmarking).
Assessment Implementation	It is not clear that potentially valid evidence for each GE outcome is collected <u>and/or</u> individual reviewers use idiosyncratic criteria to assess student work.	rater	use explicit criteria, such as rubrics, to assess	Assessment criteria, such as rubrics, have been pilot-tested and refined over time; and they usually are shared with students. Reviewers of student work are calibrated, and faculty routinely find high inter-rater reliability. Faculty take comparative data into account when interpreting results and deciding on changes to improve learning.
Use of Results	Results for GE outcomes are collected, but relevant faculty do not discuss them. There is little or no collective use of findings. Students are unaware of, uninvolved in the process.	Results for each GE outcome are collected and discussed by relevant faculty; results have been used occasionally to improve the GE program. Students are vaguely aware of		Relevant faculty routinely discuss results, plan improvements, secure necessary resources, and implement changes. They may collaborate with others, such as librarians, student affairs professionals, students, to improve the program. Follow-up studies confirm that changes have improved learning.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

7. Using Results

Assessment	Data availability	Unit / person responsible	When & where
Direct assessment	Dashboards: Gen ed artifact	EDA / UAS	SummitsSymposiumOnlineCGE presentations
	Documented curriculum changes	VPUE / CGE	SummitsSymposiumCGE meetings
Indirect assessment	Student survey: Dashboard NSSE: Dashboard	UAS	SummitsSymposiumOnlineCGE presentations
	Report of findings from faculty input on student learning	UAS / VPUE / CGE	SummitsSymposiumCGE presentations
Meta evaluation	Report of findings from meta evaluation	UAS / CGE	SummitsSymposiumCGE presentations
	Documented process changes reflected in annual updates to assessment plan	VPUE / UAS	SummitsSymposiumCGE presentations

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Appendices

Appendix A. Rubrics

Appendix B. General Education Student Survey

Appendix C. NSSE Item Mapping

Appendix D. Outcomes and Rubrics in Canvas: Documentation

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Appendix A. Rubrics

Rubric Scales

- 0-Unable to determine (Data that does not count; null; should not be included in calculations)
- 1-Does not meet expectations
- 2-Progressing towards expectations
- 3-Meets expectations
- 4-Exceeds expectations

		Does not meet	Progressing towards		
Learning Outcomes	Unable to determine	expectations	expectations	Meets expectations	Exceeds expectations
Learning Outcomes					
Learning Outcomes					
Learning Outcomes					
Learning Outcomes					
Learning Outcomes					
Learning Outcomes					

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Fine Arts Rubric

Learning Outcomes	Unable to determine	Does not meet expectations	Progressing towards expectations	Meets expectations	Exceeds expectations
Existing Knowledge, Research, and/or Views	Demonstrates no connection to or recognition of known sources, views and content in the discipline.	Does not meet expectations: Presents information from irrelevant sources representing limited points of view/approaches and develops simple ideas in some parts of the work.	Progressing towards expectations: Presents information from relevant sources representing limited points of view/approaches and develops appropriate ideas through most of the work.	information from appropriate and relevant sources representing various points of view & approaches and explores compelling ideas	Exceeds expectations: Synthesizes in-depth information from appropriate and relevant sources and compelling content, that represents various points of view & approaches to illustrate mastery of the subject.
Analysis	Demonstrates no understanding of approaches	Does not meet expectations: Lists evidence/sources, but it is not organized and/or is unrelated to focus.	Progressing towards expectations: Organizes evidence/sources, but the organization is not effective in revealing important patterns, differences, or similarities.	Meets expectations: Organizes evidence/sources to reveal important patterns, differences, or similarities related to focus.	Exceeds expectations: Organizes and synthesizes evidence/sources to reveal insightful patterns, differences, or similarities related to focus.
Explanation of issues	problem to be considered critically is stated without clarification or description.	Does not meet expectations: Issue/problem to be considered critically is minimally stated without clarification or description.	Progressing towards expectations: Issue/problem to be considered critically is stated but description leaves some terms undefined, ambiguities unexplored, boundaries undetermined, and/ or backgrounds unknown.	Meets expectations: Issue/ problem to be considered critically is stated, described, and clarified so that understanding is not seriously impeded by omissions.	and described

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Learning Outcomes	Unable to determine	Does not meet expectations	Progressing towards expectations	Meets expectations	Exceeds expectations
Evidence Selecting and using information to investigate a point of view or conclusion	Unable to determine: Information is taken from source(s) without any interpretation/evaluation. Viewpoints of experts are taken as fact, without question.	Does not meet expectations: Information is taken from source(s) with minimal interpretation/evaluation. Viewpoints of experts are taken as fact, with limited questioning.	Progressing towards expectations: Information is taken from source(s) with some interpretation/ evaluation, but not enough to develop a coherent analysis or synthesis. Viewpoints of experts are taken as mostly fact, with Little questioning.	Meets expectations: Information is taken from source(s) with enough interpretation/evaluation to develop a coherent analysis or synthesis. Viewpoints of experts are subject to questioning.	Exceeds expectations: Information is taken from source(s) with enough interpretation/evaluation to develop a comprehensive analysis or synthesis. Viewpoints of experts are questioned thoroughly.
Conclusions and related outcomes (implications and consequences)	Unable to determine: Conclusion is not tied to the information discussed; related outcomes (consequences and implications) are oversimplified.	Does not meet expectations: Conclusion is inconsistently tied to some of the information discussed; related outcomes (consequences and implications) minimally simplified.	Progressing towards expectations: Conclusion is logically tied to information (because information is chosen to fit the desired conclusion); some related outcomes (consequences and implications) are identified clearly.	Meets expectations: Conclusion is logically tied to a range of information, including opposing viewpoints; related outcomes (consequences and implications) are identified clearly.	Exceeds expectations: Conclusions and related outcomes (consequences and implications) are logical and reflect student's informed evaluation and ability to place evidence and perspectives discussed in priority order.
Influence of Context and Assumptions	Unable to determine: Shows little emerging awareness of present assumptions (sometimes labels assertions as assumptions). Limited ability to identify some contexts when presenting a position.	Does not meet expectations: Shows an emerging awareness of present assumptions. Begins to identify some contexts when presenting a position.	Progressing towards expectations: Questions some assumptions. Identifies several relevant contexts when presenting a position. May be more aware of others' assumptions than one's own (or vice versa).	and several relevant contexts when presenting a position.	Exceeds expectations: Thoroughly (systematically and methodically) analyzes own and others' assumptions and carefully evaluates the relevance of contexts when presenting a position.

Adapted from AAC&U's VALUE rubrics – inquiry analysis and critical thinking

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Humanities / Languages in the Humanities Rubric

Learning Outcomes	Unable to determine		1 -	Meets expectations	Exceeds expectations
Explanation of issues	Unable to determine: Issue/ problem to be considered critically is stated without clarification or description.	Does not meet expectations: Issue/problem to be considered critically is minimally stated without clarification or description.	Progressing towards expectations: Issue/problem to be considered critically is stated but description leaves some terms undefined, ambiguities unexplored, boundaries undetermined, and/ or backgrounds unknown.	Meets expectations: Issue/ problem to be considered critically is stated, described, and clarified so that understanding is not seriously impeded by omissions.	Exceeds expectations: Issue/ problem to be considered critically is stated clearly and described comprehensively, delivering all relevant information necessary for full understanding.
Evidence Selecting and using information to investigate a point of view or conclusion	Unable to determine: Information is taken from source(s) without tany interpretation/evaluation. Viewpoints of experts are taken as fact, without question.	Does not meet expectations: Information is taken from source(s) with minimal interpretation/evaluation. Viewpoints of experts are taken as fact, with limited questioning.	Progressing towards expectations: Information is taken from source(s) with some interpretation/ evaluation, but not enough to develop a coherent analysis or synthesis. Viewpoints of experts are taken as mostly fact, with little questioning.	Meets expectations: Information is taken from source(s) with enough interpretation/evaluation to develop a coherent analysis or synthesis. Viewpoints of experts are subject to questioning.	Exceeds expectations: Information is taken from source(s) with enough interpretation/evaluation to develop a comprehensive analysis or synthesis. Viewpoints of experts are questioned thoroughly.
Conclusions and related outcomes (implications and consequences)	Unable to determine: Conclusion is not tied to the information discussed; related outcomes (consequences and implications) are oversimplified.	Does not meet expectations: Conclusion is inconsistently tied to some of the information discussed; related outcomes (consequences and implications) minimally simplified.	Progressing towards expectations: Conclusion is logically tied to information (because information is chosen to fit the desired conclusion); some related outcomes (consequences and implications) are	Meets expectations: Conclusion is logically tied to a range of information, including opposing view points;related outcomes (consequences and implications)are identified clearly.	Exceeds expectations: Conclusions and related outcomes (consequences and implications) are logical and reflect student's informed evaluation and ability to place evidence and perspectives discussed in priority order.

Learning Outcomes	Unable to determine		Progressing towards expectations	Meets expectations	Exceeds expectations
			Identified clearly.		
Knowledge Knowledge of cultural Worldview frameworks	Demonstrates little understanding of the complexity of elements important to members of another culture in relation to its history, values, politics communication styles,	Does not meet expectations: Demonstrates surface understanding of the complexity of elements important to members of another culture in relation to its history, values, politics communication styles, economy, or beliefs and practices.	Progressing towards expectations: Demonstrates partial understanding of the complexity of elements important to members of another culture in relation to its history, values, politics communication styles, economy, or beliefs and practices.	Meets expectations: Demonstrates adequate understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practice.	Exceeds expectations: Demonstrates sophisticated understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.
Skills Empathy	not view the experience of	Does not meet expectations:	Progressing towards expectations: Identifies components of other cultural perspectives but responds in all situations which own worldview.	Meets expectations: Recognizes intellectual and emotional dimensions of more than one worldview and sometimes uses more than one worldview in interactions.	Exceeds expectations: Interprets intercultural experience from the perspectives of own and more than one worldview and demonstrates ability to act in a supportive manner that recognizes the feelings of another cultural group.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

			Progressing		
Learning			towards		
Outcomes	Unable to determine	Does not meet expectations	expectations	Meets expectations	Exceeds expectations
Context of	Unable to determine:	Does not meet expectations:	Progressing towards	Meets expectations:	Exceeds expectations:
and Purpose	Demonstrates no attention to	Demonstrates minimal	expectations: Demonstrates	Demonstrates adequate	Demonstrates a thorough
for Writing	context, audience, purpose,	attention to context,	awareness of context,	consideration of context,	understanding of context,
	and to the assigned tasks(s)	audience, purpose, and to the	audience, purpose, and to	audience, and purpose and a	audience, and purpose that
Includes		assigned tasks(s) (e.g.,	the assigned tasks(s) (e.g.,	clear focus on the assigned	is responsive to the assigned
considerations		expectation of instructor or	begins to show awareness of	task(s) (e.g.,the task aligns	task(s) and focuses all
of audience,		self as audience).	audience's perceptions and	with audience, purpose, and	elements of the work.
purpose, and			assumptions).	context).	
the					
circumstances					
surrounding					
the writing					
task(s).					

Adapted from AAC&U's VALUE rubrics – humanities

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Math & Quantitative Reasoning Rubric

			Progressing		
			towards		
		Does not meet expectations	-	i -	Exceeds expectations
Interpretation	Unable to determine:	Does not meet	3 3	Meets expectations: Provides	Exceeds expectations:
, ,	Makes little attempt to	expectations: Attempts to		accurate explanations of	Provides accurate
•	explain information	explain information		information presented in	explanations of information
ľ	presented in	presented in mathematical	•	mathematical forms. For	presented in mathematical
	mathematical forms, and	forms, but draws incorrect	•	instance, accurately explains	forms.
, (,	draws incorrect	conclusions about what	forms, but occasionally makes		Makes appropriate
equations,	conclusions about what	the information means. For		graph.	inferences based on that
9 - 7 - 7	the information means.	example, attempts to	computations or units. <i>For</i>		information. For example,
diagrams, tables,		explain the trend data	instance, accurately explains		accurately explains the trend
words)		shown ina graph, but will	trend data shown in a graph,		data shown in a graph and
			but may miscalculate the slope		makes reasonable predictions
			of the trend line.		regarding what the data
		perhaps by confusing			suggest about future events.
		positive and negative trends.			
Representation		Does not meet expectations:	5 5	Meets expectations:	Exceeds expectations:
Ability to convert	Unable to complete	Completes conversion of	expectations: Completes	Competently converts	Skillfully converts relevant
-	conversion of information	information but resulting		relevant information into an	information into an
	_	mathematical portrayal is in		appropriate and desired	insightful mathematical
	portrayal is inappropriate	appropriate or inaccurate.		mathematical portrayal.	portrayal in a way that
(3,1,	or inaccurate.		appropriate or accurate.		contributes to a further or
graphs, diagrams,					deeper understanding.
tables, words)					
Calculation	Unable to determine:	Does not meet expectations:	Progressing	Meets expectations:	Exceeds expectations:
	Calculations are attempted	Calculations are attempted	towards	Calculations attempted are	Calculations attempted are
	but are both unsuccessful	but are often unsuccessful	expectations:	essentially all successful and	essentially all successful and
	and are not comprehensive.	and are not comprehensive.		sufficiently comprehensive to	sufficiently comprehensive to
			attempted are	solve the problem.	solve the problem.
			either unsuccessful		Calculations are also
			or represent only a		presented elegantly (clearly,
			portion of the		concisely, etc.)
			calculations		
			required to		

			Progressing		
			towards		
Learning Outcome	esUnable to determine	Does not meet expectations	i	Meets expectations	Exceeds expectations
			comprehensively		
			solve the problem		
Application /		•	Progressing towards	· ·	Exceeds expectations: Uses
Analysis		'	expectations: Uses the	quantitative analysis of data	the quantitative analysis of
Ability to make			quantitative analysis of data	as the basis for competent	data as the basis for deep
judgments and	tentative, basic judgments,	, , , ,	as the basis for workmanlike	judgments, drawing	and thoughtful judgments,
draw		although is hesitant or	(without inspiration or	reasonable and appropriately qualified conclusions from	drawing insightful, carefully gualified conclusions from
appropriate	conclusions from this work.	conclusions from this work.	nuance, ordinary)	this work.	this work.
conclusions		Conclusions from this work.	judgments, drawing plausible conclusions from	this work.	this work.
based on the			this work.		
quantitative			tills Work.		
analysis of					
data, while					
recognizing the					
limits of this					
analysis					
Assumptions		Does not meet expectations:	Progressing towards		Exceeds expectations:
Ability to make			expectations: Explicitly	describes assumptions and	Explicitly describes
and evaluate	assumptions.	assumptions.	describes assumptions.	provides compelling rationale	·
important				for why assumptions are	compelling rationale for why
assumptions in				appropriate.	each assumption is
estimation,					appropriate. Shows
modeling, and					awareness that confidence in
data analysis					final conclusions is limited by
					the accuracy of the
					assumptions.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

			Progressing towards		
Learning Outcomes	Unable to determine			Meets expectations	Exceeds expectations
Communication	Unable to determine:	Does not meet expectations:	Progressing towards	Meets expectations: Uses	Exceeds expectations: Uses
Expressing	Limited in the ability to	Presents an argument for	expectations: Uses	quantitative information in	quantitative information in
quantitative	present an argument for	which quantitative evidence is	quantitative information, but	connection with the argument	connection with the
evidence in	which quantitative	pertinent, but does not	does not effectively connect	or purpose of the work,	argument or purpose of the
support of the	evidence is pertinent, and	provide adequate explicit	it to the argument or	though data may be	work, presents it in an
argument or	does not provide adequate	numerical support. (May use	purpose of the work.	presented in a less than	effective format, and
purpose of the	explicit numerical support.	quasi-quantitative words such		completely effective format or	explicates it with consistently
work (in terms of		as "many," "few," "increasing,"		some parts of the explication	high quality.
what evidence is		"small," and the like in place		may be uneven.	
used and how it is		of actual quantities.)		-	
formatted,		•			
presented, and					
contextualized)					

Adapted from AAC&U's VALUE rubrics – quantitative literacy

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Sciences: Natural Sciences/Natural Science Alternatives/Science, Mathematics, and Technology Rubric

			Progressing towards		
Learning Outcomes	Unable to determine	Does not meet expectations	expectations	Meets expectations	Exceeds expectations
Explanation of issues	Unable to determine: Problem to be considered is not clearly stated.	Does not meet expectations: Issue/ problem to be considered critically isstated without clarification or description.	Progressing towards expectations: Issue/ problem to be considered critically is stated but description leaves some terms undefined, ambiguities unexplored, boundaries undetermined, and/ or backgrounds unknown.	Meets expectations: Issue/ problem to be considered critically is stated, described, and clarified so that understanding is not seriously impeded by omissions.	Exceeds expectations: Issue/problem to be considered critically is stated clearly and described comprehensively, delivering all relevant information necessary for full understanding.
Evidence Selecting and using information to investigate a point of view or conclusion	or interpreted.	Does not meet expectations: Information is taken from source(s) without any interpretation/ evaluation. Viewpoints of experts are taken as fact, without question.	Progressing towards expectations: Information is taken from source(s) with some interpretation/ evaluation, but not enough to develop a coherent analysis or synthesis. Viewpoints of experts are taken as mostly fact, with little questioning.	Meets expectations: Information is taken from source(s) with enough interpretation/evaluation to develop a coherent analysis or synthesis. Viewpoints of experts are subject to questioning.	Exceeds expectations: Information is taken from source(s) with enough interpretation/ evaluation to develop a comprehensive analysis or synthesis. Viewpoints of experts are questioned thoroughly.
Influence of context and assumptions	Unable to determine: Is unaware of assumptions or contexts.	Does not meet expectations: Shows an emerging awareness of present assumptions (sometimes labels assertions as assumptions). Begins to identify some contexts	Progressing towards expectations: Questions some assumptions. Identifies several relevant contexts when presenting a position. May be more aware of others'	Meets expectations: Identifies own and others' assumptions and several relevant contexts when presenting a position.	Exceeds expectations: Thoroughly (systematically and methodically) analyzes own and others' assumptions and carefully evaluates the relevance of contexts when presenting a position.

Learning Outcome	sUnable to determine		Progressing towards expectations	Meets expectations	Exceeds expectations
Student's position (perspective, thesis/hypothesi s)	Unable to determine: Position is unclear.	when presenting a position. Does not meet expectations: Specific position (perspective, thesis/hypothesis) is stated, but is simplistic and obvious.	assumptions than one's own (or vice versa). Progressing towards expectations: Specific position (perspective, thesis/hypothesis) acknowledges different sides of an issue.	Meets expectations: Specific position (perspective, thesis/hypothesis) takes into account the complexities of an issue. Others' points of view are acknowledged within position (perspective, thesis/hypothesis).	Exceeds expectations: Specific position (perspective, thesis/hypothesis) is imaginative, taking into
Conclusions and related outcomes (implications and consequences)	Unable to determine: No conclusion is made.	Does not meet expectations: Conclusion is inconsistently tied to some of the information discussed; related outcomes (consequences and implications) are oversimplified.	Progressing towards expectations: Conclusion is logically tied to information (because information is chosen to fit the desired conclusion); some related outcomes (consequences and implications) are identified clearly.	Meets expectations: Conclusion is logically tied to a range of information, including opposing viewpoints; related outcomes (consequences and implications) are identified clearly.	Exceeds expectations: Conclusions and related outcomes (consequences and implications) are logical and reflect student's informed evaluation and ability to place evidence and perspectives discussed in priority order.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Social Sciences Rubric

Learning Outcom	esUnable to determine	Does not meet expectations	Progressing towards expectations	Meets expectations	Exceeds expectations
Existing Knowledge, Research, and/or Views	Unable to determine: Demonstrates no connection to or recognition of known sources, views and content in the discipline.	Does not meet expectations: Presents information from irrelevant sources representing limited points of view/approaches and develops simple ideas in some parts of the work.	Progressing towards expectations: Presents information from relevant sources representing limited points of view/approaches and develops appropriate ideas through most of the work.	Meets expectations: Synthesizes in-depth information from appropriate and relevant sources representing various points of view & approaches and explores compelling ideas throughout the work.	appropriate and relevant
Explanation of issues	Unable to determine: Issue/problem to be considered critically is stated without clarification or description.	Does not meet expectations: Issue/ problem to be considered critically is minimally stated without clarification or description.	Progressing towards expectations: Issue/ problem to be considered critically is stated but description leaves some terms undefined, ambiguities unexplored, boundaries undetermined, and/ or backgrounds unknown.	Meets expectations: Issue/ problem to be considered critically is stated, described, and clarified so that understanding is not seriously impeded by omissions.	Exceeds expectations: Issue/problem to be considered critically is stated clearly and described comprehensively, delivering all relevant information necessary for full understanding.
Analysis	Unable to determine: Demonstrates no understanding of approaches used in the discipline.	Does not meet expectations: Lists evidence/sources, but it is not organized and/or is unrelated to focus.	Progressing towards sexpectations: Organizes evidence/sources, but the organization is not effective in revealing important patterns, differences, or similarities.	Meets expectations: Organizes evidence/ sources to reveal important patterns, differences, or similarities related to focus.	Exceeds expectations: Organizes and synthesizes evidence/sources to reveal insightful patterns, differences, or similarities related to focus.

Learning Outcomes	Unable to determine		Progressing towards expectations	Meets expectations	Exceeds expectations
Evidence Selecting and using information to investigate a point of view or conclusion	Information is taken from source(s) without any interpretation/evaluation. Viewpoints of experts are taken as fact, without question.	expectations: Information is taken from source(s) with minimal interpretation/evaluation. Viewpoints of experts are taken as fact, with limited questioning.	Progressing towards expectations: Information is taken from source(s) with some interpretation/ evaluation, but not enough to develop a coherent analysis or synthesis. Viewpoints of experts are taken as mostly fact, with little questioning.	Information is taken from source(s) with enough interpretation/evaluation to develop a coherent analysis or synthesis. Viewpoints of experts are	Exceeds expectations: Information is taken from source(s) with enough interpretation/evaluation to develop a comprehensive analysis or synthesis. Viewpoints of experts are questioned thoroughly.
Reports information effectively and responsibly, and Making Informed Judgments	Unable to determine: Does not communicate information from sources.	Communicates information from sources. The information is fragmented	Progressing towards expectations: Communicates and organizes information from sources. The information is not yet applied, so the intended purpose is not fully achieved.	sources. Intended purpose is achieved.	Exceeds expectations: Communicates, organizes, and applies information from sources to fully achieve a specific purpose, with clarity and depth.

Learning Outcomes Writes in a variety of genres, contexts, and disciplines, & identifies problems	Unable to determine: Does not identify contexts related to a position or problem.	Does not meet expectations Does not meet expectations:	Progressing towards expectations: Mentions relevant contexts when presenting a position or	Meets expectations: Coherently and critically examines relevant contexts when presenting a position or identifying a problem.	Exceeds expectations Exceeds expectations: Thoroughly (systematically, methodically and critically) examines the relevance of contexts when presenting a position or identifying a problem.
Textual Comprehension	Unable to determine: Demonstrates no understanding of appropriate vocabulary or ability to paraphrase or summarize information.	Does not meet expectations: Understands vocabulary appropriately to paraphrase or summarize the information communicated in the text.	expectations: Evaluates how textual features contribute to the author's message; draws basic inferences about context and purpose of	text, general background knowledge, and/or specific knowledge of the context to	Exceeds expectations: Recognizes possible implications of the text for contexts, perspectives, or issues beyond the assignment or beyond the author's explicit message.
Cultural self- awareness	Shows little awareness of	DITOWS DASIC AWAITETIESS OF	expectations: Identifies own cultural rules and biases.	Recognizes new perspectives about own cultural rules and biases.	Exceeds expectations: Recognizes how experiences shape cultural rules, how to respond to cultural biases, and can experience a shift of self- description.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Skills/Applicatio n Empathy	Unable to determine: Does not view the cultural experience of	Does not meet expectations Does not meet expectations: Views the cultural experiences of others through own cognitive	Progressing towards expectations Progressing towards expectations: Identifies the cognitive and emotional dimensions of other cultural perspectives with own worldview.	Meets expectations: Recognizes that both cognitive <i>and</i> emotional dimensions of other cultural perspectives are necessary in	Exceeds expectations Exceeds expectations: Effectively supports another cultural group by applying cognitive and emotional dimensions to their cultural experiences.
Skills/Applicatio n Ethical Issue Recognition	not recognize basic ethical issues.	issues	Progressing towards expectations: Recognizes basic ethical issues and some cross-relationships.	Meets expectations: Recognizes ethical issues in context OR can recognize cross- relationships among the issues.	Exceeds expectations: Recognizes ethical issues in context AND can recognize cross-relationships among the issues.

Adapted from AAC&U's VALUE rubrics – civic engagement & ethical reasoning Individuals in Civic Life Rubric

			Progressing towards		
Learning Outcome	sUnable to determine		expectations	Meets expectations	Exceeds expectations
Diversity of Communities and Cultures	Unable to determine: Expresses attitudes and beliefs as an individual, from a one-sided view. Is indifferent or resistant to what can be learned from diversity of communities and cultures.	Does not meet expectations: Has limited awareness that own attitudes and beliefs are different from those of other cultures and communities. Exhibits some curiosity about what can be learned from diversity of communities and cultures.	Progressing towards expectations: Has awareness that own attitudes and beliefs are different from those of other cultures and communities. Exhibits little curiosity about what can be learned from diversity of communities and cultures.	Meets expectations: Reflects on how own attitudes and beliefs are different from those of other cultures and communities. Exhibits curiosity about what can be learned from diversity of communities and cultures.	Exceeds expectations: Demonstrates evidence of adjustment in own attitudes and beliefs because of working within and learning from diversity of communities and cultures. Promotes others' engagement with diversity.
Analysis of Knowledge	relevant to civic engagement and to one's	Does not meet expectations: Begins to identify knowledge (facts, theories, etc.) from one's own academic study/ field/ discipline that is relevant to civic engagement and to one's own participation in civic life, politics, and government.	Progressing towards expectations: Begins to connect knowledge (facts, theories, etc.) from one's own academic study/ field/ discipline to civic engagement and to tone's own participation in civic life, politics, and government.	Meets expectations: Analyzes knowledge (facts, theories, etc.) from one's own academic study/ field/ discipline making relevant connections to civic engagement and to one's own participation in civic life, politics, and government.	Exceeds expectations: Connects and extends knowledge (facts, theories, etc.) from one's own academic study/ field/ discipline to civic engagement and to one's own participation in civic life, politics, and government.
Civic Identity and Commitment	her/ his experience in civic-	Does not meet expectations: Provides some evidence of her/ his experience in civic- engagement activities and somewhat connects experiences to civic identity.	Progressing towards expectations: Evidence suggests involvement in civic- engagement activities is generated from expectations or course requirements rather than from a sense of civic identity.	Meets expectations: Provides evidence of experience in civic- engagement activities and describes what she/ he has learned about her or himself as it relates to a growing sense of civic identity and commitment.	Exceeds expectations: Provides evidence of experience in civic- engagement activities and describes what she/ he has learned about her or himself as it relates to a reinforced and clarified sense of civic identity and continued commitment to public action.

Learning Outcomes			Progressing towards expectations Progressing towards	Meets expectations Meets expectations: Effectively	Exceeds expectations Exceeds expectations: Tailors
Communication	not communicate in civic context, showing ability to do one of the following: express, listen, and adapt ideas and messages based	Communicates in civic context, showing ability to do one of the following: express, listen, and adapt ideas and messages based on others' perspectives.	expectations: Communicates in civic context, showing ability to do more than one of the following: express, listen, and adapt ideas and messages based on others' perspectives.	communicates in civic context, showing ability to do all of the following: express, listen, and	communication strategies to effectively express, listen, and adapt to others to establish relationships to further civic
Civic Action and Reflection	no experience with some civic activities and shows little understanding of their aims or effects and no	Has experimented with some civic activities but shows little internalized understanding of their aims or effects and little	Progressing towards expectations: Has clearly participated in civically focused actions and begins to reflect or describe how these actions may benefit individual(s) or communities.	Demonstrates independent experience and team leadership of civic action, with reflective insights or analysis about the aims and accomplishments of one's actions.	Exceeds expectations: Demonstrates independent experience and shows initiative in team leadership of complex or multiple civic engagement activities, accompanied by reflective insights or analysis about the aims and accomplishments of one's actions.
Civic Contexts/Structu res	not experiment with civic contexts or structures.	contexts and structures, <i>tries</i> out a few to see what fits.	Progressing towards expectations: Demonstrates experience identifying intentional ways to participate in civic contexts and structures.	commitment to work actively within community contexts and structures to achieve a civic aim.	Exceeds expectations: Demonstrates ability and commitment to collaboratively work across and within community contexts and structures to achieve a civic aim.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Learning Outcomes Understanding Different Ethical Perspectives/ Concepts	Unable to determine: No	Does not meet expectations Does not meet expectations: Names major theories.	major theories and can	Meets expectations: Names and explains both the basics	Exceeds expectations Exceeds expectations: Accurately presents the theories in depth.
Perspectives/ Concepts	ethical concepts applied to ethical question and no examples used. No ethical concepts applied to ethical	Applies ethical concepts to	Progressing towards expectations: Applies ethical perspectives to new examples with some inaccuracies.	ethical perspectives/ concepts to a new example but fails to	Exceeds expectations: Applies ethical perspectives/ concepts to a new example and can fully consider implications.

Adapted from AAC&U's VALUE rubrics – civic engagement & ethical reasoning

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

US Traditions Rubric

			Progressing towards		
Learning Outcome	Unable to determine	Does not meet expectations	expectations	Meets expectations	Exceeds expectations
Cultural and	Unable to determine:	Does not meet expectations:	Progressing towards	Meets expectations:	Exceeds expectations:
historical	Demonstrates little or no	Demonstrates surface	expectations: Demonstrates	Demonstrates adequate	Demonstrates sophisticated
knowledge	understanding of U.S.	understanding of U.S.	partial understanding of U.S.	understanding of U.S. culture,	understanding of U.S.
	culture, including its	culture, including its diverse	culture, including its diverse	including its diverse	culture, including its diverse
	diverse elements, and	elements, and how this has			
	how this has shaped	shaped history, politics,	shaped history, politics,	shaped history, politics,	shaped history, politics,
	history, politics, economy,	economy, social relations,	economy, social relations,	economy, social relations,	economy, social relations,
	social relations, forms of	forms of expression and			
	expression and	communication, values, or	communication, values, or	communication, values, or	communication, values, or
	communication, values,	beliefs and practices	eliefs and practices	beliefs and practices	beliefs and practices
	or beliefs and practices				
Cultural	Unable to determine:	Does not meet expectations:	Progressing towards	Meets expectations:	Exceeds expectations:
imagination and	Demonstrates little or no	Demonstrates minimal	expectations: Demonstrates	Demonstrates sufficient	Demonstrates impressive
empathy	ability to imagine and	ability to imagine and	some ability to imagine and	ability to imagine and	ability to imagine and
	empathize with the	empathize with the	empathize with the	empathize with the	empathize with the
	perspective of people from	perspective of people from	perspective of people from	perspective of people from	perspective of people from
	past eras or other cultures	past eras or other cultures	past eras or other cultures	past eras or other cultures	past eras or other cultures
	and to incorporate this	and to incorporate this	and to incorporate this	and to incorporate this	and to incorporate this
	understanding into the	understanding into the	understanding into the	understanding into the	understanding into the
	analysis.	analysis.	analysis.	analysis.	analysis.
Existing	Unable to determine:	Does not meet expectations:	Progressing towards	Meets expectations:	Exceeds expectations:
Knowledge,	Demonstrates no	Presents information from	expectations:	Synthesizes in-depth	Synthesizes in-depth
Research, and/or	connection to or	irrelevant sources	Presents information	information from appropriate	information from
Views	recognition of known	representing limited points of	from relevant	and relevant sources	appropriate and relevant
	sources, views and content	view/approaches and	sources representing	representing various points of	sources and compelling
	in the discipline.	develops simple ideas in some	limited points of	view & approaches and	content, that represents
		parts of the work.	view/approaches	explores compelling ideas	various points of view &
			and develops	throughout the work.	approaches to illustrate
			appropriate ideas		mastery of the subject.
			through most of the		
			work.		

Learning Outcome	sUnable to determine		Progressing towards expectations	Meets expectations	Exceeds expectations
Analysis	Demonstrates no understanding of	Lists evidence/sources, but it is not organized and/or is unrelated to focus.	Progressing towards expectations: Organizes evidence/sources, but the organization is not effective in revealing important patterns, differences, or similarities.	Meets expectations: Organizes evidence/ sources to reveal important patterns, differences, or similarities related to focus.	Exceeds expectations: Organizes and synthesizes evidence/sources to reveal insightful patterns, differences, or similarities related to focus.
Textual Comprehension	Demonstrates no understanding of	appropriately to paraphrase or summarize the information communicated in the text.	Progressing towards expectations: Evaluates how textual features contribute to the author's message; draws basic inferences about context and purpose of text.	Meets expectations: Uses the text, general background knowledge, and/or specific knowledge of the context to draw complex inferences about the author's message and attitude.	Exceeds expectations: Recognizes possible implications of the text for contexts, perspectives, or issues beyond the assignment or beyond the author's explicit message.
Reports information effectively and responsibly, and Making Informed Judgments	information from sources.	expectations: Communicates information from sources. The information is fragmented and/or used inappropriately (misquoted, taken out of	Progressing towards expectations: Communicates and organizes information from sources. The information is not yet applied, so the intended purpose is not fully achieved.	Meets expectations: Communicates, organizes, and applies information from sources. Intended purpose is achieved.	Exceeds expectations: Communicates, organizes, and applies information from sources to fully achieve a specific purpose, with clarity and depth.

			Progressing towards		
Learning Outcomes	Unable to determine	Does not meet expectations	expectations	Meets expectations	Exceeds expectations
Writes in a	Unable to determine: Does	Does not meet expectations:	Progressing towards	Meets expectations:	Exceeds expectations:
variety of	not identify contexts	Begins to identify some	expectations: Mentions	Coherently and critically	Thoroughly (systematically,
genres, contexts,	related to a position or	contexts when presenting a	relevant contexts when	examines relevant contexts	methodically and critically)
and disciplines,	problem.	position or identifying a	presenting a position or	when presenting a position or	examines the relevance of
& identifies		problem. Issue to be	identifying a problem, but	identifying a problem.	contexts when presenting a
problems		considered is stated without	not enough to reflect a		position or identifying a
		clarification or description.	coherent understanding.		problem.

Illinois State University – Last update: October 2023 – Back to Table of Contents

Appendix B. General Education Student Survey

Students will authenticate using Central Login before accessing the questionnaire to allow any demographic/academic information to be requested from the Planning, Research, and Policy Analysis and then matched (ULID) with the responses.

The survey was administered by the UAS assistant director, Derek Meyers, in spring 2022. The survey was designed by D. Meyers with contributions from the associate provost for undergraduate education and an administrator-in-residence of the provost office. Results analyzed by D. Meyers.

Survey Introduction

The Council on General Education is interested in your perspectives on and experiences in Illinois State University's General Education program. The information you provide will be reviewed and considered as part of the General Education program assessment.

All information provided will remain confidential and only will be reported as group-level findings with no identifying information. The link you received is unique to you so that your responses can be matched with academic information gathered by the University (e.g., class level such as first-year, sophomore; major/plan of study) to aid in the interpretation of the findings.

Completing this questionnaire is voluntary. Your course instructors and other faculty/staff will not know whether you participate. Refusal to participate will neither affect your current standing with Illinois State University nor involve any penalty or loss of benefits. You may discontinue completing the questionnaire at any time without penalty or loss of benefits and skip questions you do not feel like answering.

For questions about this study, please contact Derek Meyers, Assistant Director of University Assessment Services, at <a href="mailto:diplease-dipl

Thank you for your participation!

Attitudes and Opinions about General Education

General Education provides students with a broad, common foundation of study upon which to build an undergraduate education.

The program develops skills of oral and written communication, logical and scientific reasoning, and quantitative analysis.

Courses in General Education explore ways of knowing in the various disciplines through examination of significant historical, social, cultural, and scientific issues.

Illinois State University – Last update: October 2023 – Back to Table of Contents

Please indicate the extent to which you agree with the following statements regarding the General Education program at Illinois State University.

Scale: strongly disagree, disagree, neither agree nor disagree, agree, strongly agree, no opinion/not applicable

- General Education courses challenge students to think about how those courses are relevant to students'
 majors and/or future careers.
- The main purpose of General Education courses is to help students become more well-rounded individuals and responsible citizens.
- If General Education courses were not required by ISU, then I would probably still enroll in these courses.
- I would prefer to take additional courses related to my major instead of taking an equivalent number of General Education courses.
- General Education courses are easier than introductory-level courses for my major.

Contributions to Learning

The General Education Program at Illinois State University is an integrated multidisciplinary set of courses that focuses on the development of communication and problem-solving skills and abilities, such as persuasion, listening, and argumentation; logical and quantitative thinking; and understanding varying perspectives on issues. These skills and abilities provide an essential grounding for work in the student's major as well as transferable skills that will be applied in a future career.

Please indicate the extent to which the General Education program at Illinois State University has contributed to your learning, growth, and development in:

Scale: not all contributed, slightly contributed, somewhat contributed, very much contributed, completely contributed, no opinion / not applicable

- Using theories and concepts to understand technologies, diverse cultures, and the physical and natural world.
- Explaining how the humanities, fine arts, natural and social sciences, and technology contribute to the quality of life for individuals and communities.
- Experiencing and reflecting on global issues.
- Making informed judgments.
- Analyzing data to examine research questions and test hypotheses.
- Reporting information effectively and responsibly.
- Writing in a variety of genres, contexts, and disciplines.
- Delivering purposeful presentations that inform attitudes or behaviors.
- Participating in activities that are both individually life-enriching and socially beneficial to a diverse community.
- Interacting competently in a variety of cultural contexts.
- Making ethical decisions.
- Thinking reflectively.
- Identifying and solving problems.
- Transferring learning from one area to novel situations.
- Working effectively in teams.

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Open Ended Questions

- What do you believe are strengths of Illinois State University's General Education program?
- What do you believe are areas for improvement within Illinois State University's General Education program? Please provide any additional comments regarding Illinois State University's General Education program:

Illinois State University – Last update: October 2023 – Back to <u>Table of Contents</u>

Appendix C. NSSE Item Mapping

Knowledge of diverse human cultures and the physical and natural world	NSSE Items
a. use theories and principal concepts, both contemporary and enduring, to understand technologies, diverse cultures, and the physical and natural world	4b. During the current school year, how much has your coursework emphasized applying facts, theories, or methods to practical problems or new situations
b. explain how the combination of the humanities, fine arts, natural and social sciences, and technology contribute to the quality of life for individuals and communities	2a. During the current school year, about how often have you combined ideas from different courses when completing assignments
c. experience and reflect on global issues	2b. During the current school year, about how often have you connected your learning to societal problems or issues

Intellectual and	NSSE Items
practical skills a. make informed	18c. How much has your experience at this institution contributed to your knowledge,
judgments	skills, and personal development in thinking critically and analytically
b. analyze data to examine research questions and test hypotheses	4c. During the current school year, how much has your coursework emphasized analyzing an idea, experience, or line of reasoning in depth by examining its parts
	6a. During the current school year, about how often have you reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)
	6b. During the current school year, about how often have you used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.)
	6c. During the current school year, about how often have you evaluated what others have concluded from numerical information
	18d. How much has your experience at this institution contributed to your knowledge, skills, and personal development in analyzing numerical and statistical information
c. report information effectively and responsibly	4d. During the current school year, how much has your coursework emphasized evaluating a point of view, decision or information source
d. write in a variety of	18a. How much has your experience at this institution contributed to your knowledge,
genres, contexts, and	skills, and personal
disciplines	development in writing clearly and effectively
e. deliver purposeful presentations that inform attitudes or	1f. During the current school year, about how often have you given a course presentation
behaviors	

Personal and social responsibility	NSSE Items
a. participate in activities that are both individually life enriching and socially beneficial to a diverse community	2c. During the current school year, about how often have you included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments
b. interact competently in a variety of cultural contexts	2c. During the current school year, about how often have you included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments
	2e. During the current school year, about how often have you tried to better understand someone else's views by imagining how an issue looks from their perspective
	18h. How much has your experience at this institution contributed to your knowledge, skills, and personal development in understanding people of other backgrounds (economic,
	racial/ethnic, political, religious, nationality, etc.)
c. demonstrate ethical decision making	18g. How much has your experience at this institution contributed to your knowledge, skills, and personal development in developing or clarifying a personal code of values and ethics
d. demonstrate the ability to think reflectively	2d. During the current school year, about how often have you included examined the strengths and weaknesses of your own views on a topic or issue

Integrative and applied learning	NSSE Items
a. identify and solve problems	18i. How much has your experience at this institution contributed to your knowledge, skills, and personal development in solving complex real-world problems
b. transfer learning to novel situations	2f. During the current school year, about how often have you learned something that changed the way you understand an issue or concept
	4b. During the current school year, how much has your coursework emphasized applying facts, theories, or methods to practical problems or new situations
	4e. During the current school year, how much has your coursework emphasized forming a new idea or understanding from various pieces of information
c. work effectively in teams	18f. How much has your experience at this institution contributed to your knowledge, skills, and personal development in working effectively with others