

Keweenaw Bay Ojibwa Community College

2018-2020 General Education Assessment Plan & Reporting

DEGREE PROGRAM Mission

Keweenaw Bay Ojibwa Community College's general education requirements give students a liberal background of knowledge in which to ground the specialized information and skills acquired in their major studies.

2018-2020 Program Goals

1. Develop skills and foundational knowledge needed for success in college, focusing on LS103 College Success and LS133 Online College Success.
2. Provide breadth of knowledge as context for study and citizenship
3. Maintain and refine assessment of general education learning outcomes
4. Review and revise general education program based on assessment results, especially regarding the Carnegie Math Curriculum implemented in 2018

General Education Learning Outcomes

1. Communication Skills: Engage in effective oral and written communication.
2. Quantitative and Scientific Reasoning: Use processes, procedures, data, or evidence to solve problems and make effective decisions.
3. Critical Thinking: Effectively analyze, evaluate, synthesize, and apply information and ideas from diverse sources and disciplines.
4. Information Literacy: Effectively locate, evaluate, and use information from diverse sources.
5. Ethical Responsibility: Apply ethical standards in one's personal, civic, social, or academic life.
6. Anishinaabe Culture: Demonstrate an understanding of Ojibwa and other indigenous cultures.

Program goals: Develop skills and foundational knowledge needed for success in college.

Objective	Measurement Tool (Who, what, how, when?)	Measurement Goal (Expected Results)	Findings (Actual Results)	Action or Recommendation
Students are oriented and prepared for college success.	Fall 2018 LS103 1. Manage time effectively for academic success. 2. Use stress management strategies	80% or more of students will meet or exceed expectations	Fall 2018 LS103 1. No data reported. 2. No data reported.	Outcomes cannot be determined—enhance data collection methods.
	Spring 2019 LS103 1. Demonstrate the ability to manage time effectively 2. Students will demonstrate at least 2 appropriate test taking strategies.		Spring 2019 LS103 1. 10 of 10 met expectations 2. 10 of 12 met expectations	Objective met Objective met
	Fall 2019 LS103 1. Demonstrate the ability to manage time effectively 2. Demonstrate at least two stress management techniques		Fall 2019 LS103 1. 10 of 10 made tough choices, but success is not reported. 2. 15 of 15 met the expectation	Data unclear—enhance data collection methods. Objective met.
	Spring 2020 LS133 1. Describe time		Spring 2020 LS133 1. 4 of 8 met the expectation	SP2020 Objective not met.

	<p>management for an online course.</p> <p>2. Explain differences between an online course and a classroom course</p>		<p>2. 3 of 8 students met the expectation</p>	<p>Objective not met.</p> <p>Data for the college success course needs to be collected and reported consistently. In addition, test, stress, and time management techniques should not be the only matters assessed. Systematic review of various aspects of LS 103 and 133 need to be implemented.</p>
<p>Review and revise general education program based on assessment results, particularly the Math curriculum</p>	<p>All Math courses will engage in effective pedagogy for our students.</p> <p>Number of students in MA courses offered in</p> <p>Fall 2018 MA096 9 MA099 5 MA102 7</p> <p>Spring 2019 MA096 9 MA099 9 MA102 7 MA103 3 MA201 4</p>	<p>80% or more of students will meet or exceed expectations</p>	<p>Percentage of students achieving passing scores in each course</p> <p>Fall 2018 MA096 89% MA099 100% MA102 100%</p> <p>Spring 2019 MA096 89% MA099 67% MA102 100% MA103 100% MA201 100%</p>	<p>Fall18 Objective Met</p> <p>SP19 Pre-college level math met the objective. Co-requisite did not meet objective; college-level met objective.</p>

	<p>Fall 2019 MA096 8 MA099 11 MA102 17 MA103 4</p> <p>Spring 2020 Enroll/complete MA096 5/5 MA099 3/10 MA102 2/5 MA201 12/20</p>		<p>Fall 2019 MA096 63% MA099 63% MA102 76% MA103 75%</p> <p>Spring 2020 MA096 100% MA099 100% MA102 100% MA201 100%</p>	<p>F19 Pre-college did not meet, co-requisite did not meet, and college level did meet objectives.</p> <p>SP20 In mid-semester, all courses went online. Every student who stayed in through the transition completed their course successfully. Those who did not complete withdrew or disappeared. Those who disappeared were awarded No Credit (NC) a grade that does not bear on GPA or Financial Aid.</p> <p>The shift to Carnegie Math Pathways in Spring 2018 shows a sharp increase in numbers of students who stay in their math classes as we see a striking increase in numbers of students in each class.</p> <p>The co-requisite, taken</p>
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				<p>to support learning in any other math class, does not consistently meet the outcome. This trend continues from the 2016-2018 report.</p> <p>The 096 foundational course shows improvement in success as do the college-level courses.</p> <p>The 099 co-requisite needs to be monitored for effectiveness. If it does not show success rates, while the courses it is designed to support continue to show success, phasing out 099 should be considered.</p>
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Learning Outcome 1: Communication Skills: Engage in effective oral and written communication

Objective	Measurement Tool (Who, what, how, when?)	Measurement Goal (Expected Results)	Findings (Actual Results)	Action or Recommendation
LO1 Communication Skills—Oral Communication	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 3.04.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 3.54</p> <p>Fall 2019 3 of 4 met expectations with a group average of 3.23.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 2.91.</p>	<p>Outcome met.</p> <p>Overall, Capstone represents a high level of synthesis and application of knowledge culminating from a student's academic career. All students but one who entered the course completed Capstone with satisfactory results. All but one student in this cycle accomplished their objectives in oral communication.</p> <p>Revisions of Capstone presentation will seek to address variation to foster 100% accomplishment of this outcome.</p>

LO1 Communication Skills	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 2.5.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 2.0.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 2.66.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 2.5.</p>	<p>Outcome met.</p> <p>All students but one who entered the course in this cycle completed Capstone with satisfactory results.</p>
Communicate effectively in oral presentations	<p>Course Learning outcomes (see course learning outcomes matrix)</p> <p>Fall 2018</p> <p>EN102 Did not assess oral communication</p> <p>EN202 1. Present information orally</p>	80% or more of students will meet or exceed expectations	<p>Fall 2018</p> <p>EN102 Did not assess oral communication</p> <p>EN202 1. Student did not persist</p>	<p>Not assessed—revise Gen Ed assessment to determine assessments for instructors.</p> <p>Offer classes when student population is sufficient to warrant offering the course.</p>

	<p>Spring 2019</p> <p>EN102 Not selected for assessment</p> <p>EN202 1. Present information orally</p> <p>Fall 2019</p> <p>EN102 No data reported.</p> <p>EN202 1. Present information orally</p> <p>Spring 2020</p> <p>EN102 No data reported.</p> <p>EN202 Not selected for assessment</p>		<p>Spring 2019</p> <p>EN102 Not selected for assessment</p> <p>EN202 1. 5 of 5 exceeded expectations</p> <p>Fall 2019</p> <p>EN102 No data reported</p> <p>EN202 1. 4 of 5 students met the expectation</p> <p>Spring 2020</p> <p>EN102 No data reported.</p> <p>EN202 Not selected for assessment</p>	<p>Outcome met</p> <p>No data. Improve data collection incentives.</p> <p>Outcome met</p> <p>Sp20 No data. Improve data collection incentives.</p> <p>Not selected for assessment.</p> <p>Assessment selections need to be regularized so that there is data for each category across a reporting cycle.</p> <p>In addition, incentives for</p>
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				adjunct instructors need to be developed in order to assure that assessments are completed.
WAC Purpose	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 3.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 2.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 3.66.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 3.5.</p> <p>In Sp2020, the only term for which Comp I and Capstone bookends are available as of the writing of this report, students showed an improvement in accomplishment of Purpose</p>	<p>Objective met</p> <p>Objective met</p> <p>Objective met</p> <p>Objective met</p> <p>WAC measurements need to be consistently collected and analyzed to measure the levels of improvement in students' accomplishment of WAC objectives across the course of their educations.</p>

			in the writing of 32.14% from their beginning of the composition sequence to the culmination of their Capstone course.	
WAC Organization and Unity	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 3.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 3.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 3.66.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 3.2.</p> <p>In Sp2020, the only term for which Comp I and Capstone bookends are available as of the writing of this report, students showed an improvement in accomplishment of Organization and Unity in the writing of 21.4% from their beginning of the composition</p>	<p>Objective met</p> <p>Objective met</p> <p>Objective met</p> <p>Objective met</p> <p>WAC measurements need to be consistently collected and analyzed to measure the levels of improvement in students' accomplishment of WAC objectives across the course of their educations.</p>

			sequence to the culmination of their Capstone course.	
WAC Content	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 2.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 3.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 2.66.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 3.3.</p> <p>In Sp2020, the only term for which Comp I and Capstone bookends are available as of the writing of this report, students showed an improvement in accomplishment of Content in the writing of 32.14% from their beginning of the composition sequence to the culmination of their Capstone course.</p>	<p>Objective met</p> <p>Objective met</p> <p>Objective met</p> <p>Objective met</p> <p>WAC measurements need to be consistently collected and analyzed to measure the levels of improvement in students' accomplishment of WAC objectives across the course of their educations.</p>
WAC Sources and Evidence	Program-end assessment in Capstone	80% or more of students will meet or	<p>Fall 2018 2 of 2 met expectations with</p>	Objective met

		exceed expectations	<p>a group average of 2.5.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 3.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 2.66.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 3.4.</p> <p>In Sp2020, the only term for which Comp I and Capstone bookends are available as of the writing of this report, students showed an improvement in accomplishment of Sources and Evidence in the writing of 25% from their beginning of the composition sequence to the culmination of their Capstone course.</p>	<p>Objective met</p> <p>Objective met</p> <p>Objective met</p> <p>WAC measurements need to be consistently collected and analyzed to measure the levels of improvement in students' accomplishment of WAC objectives across the course of their educations.</p>
WAC Syntax and Mechanics	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 2.5.</p> <p>Spring 2019 1 of 1 met expectations with</p>	<p>Objective met</p> <p>Objective met</p>

			<p>a group average of 3.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 3.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 3.4.</p> <p>In Sp2020, the only term for which Comp I and Capstone bookends are available as of the writing of this report, students showed an improvement in accomplishment of Syntax and Mechanics in the writing of 32.15% from their beginning of the composition sequence to the culmination of their Capstone course.</p>	<p>Objective met</p> <p>Objective met</p> <p>WAC measurements need to be consistently collected and analyzed to measure the levels of improvement in students' accomplishment of WAC objectives across the course of their educations.</p>
Write effective documents	<p>Course Learning outcomes (see course learning outcomes matrix)</p> <p>Fall 2018</p> <p>EN102</p> <ol style="list-style-type: none"> 1. Cite works by other authors 2. Synthesize multiple 	80% or more of students will meet or exceed expectations	<p>Fall 2018</p> <p>EN102</p> <ol style="list-style-type: none"> 1. 2 of 3 met the expectation. 	Outcome met

<p>written voices into one coherent conversation</p> <p>EN202</p> <p>1. Present information in informative and persuasive modes</p> <p>Spring 2019</p> <p>EN102</p> <p>1. Explain the writing process</p> <p>2. Cite works by other authors</p> <p>EN202</p> <p>1. Integrate graphics into written text</p> <p>Fall 2019</p> <p>EN102</p> <p>1. Explain the writing process</p> <p>2. Cite works by other authors</p> <p>EN202</p> <p>1. Integrate graphics into written text</p> <p>Spring 2020</p>	<p>2. 2 or 3 met the expectation.</p> <p>EN202</p> <p>1 of 1 student met the expectation.</p> <p>Spring 2019</p> <p>EN102</p> <p>1. 5 of 6 met the expectation.</p> <p>2. 3 of 5 met the objective</p> <p>EN202</p> <p>1. 5 of 5 met the expectation</p> <p>Fall 2019</p> <p>EN102</p> <p>1. 5 of 6 met the expectation</p> <p>2. 3 of 5 met the expectation</p> <p>EN202</p> <p>1. 5 of 5 met the expectation</p> <p>Spring 2020</p>	<p>Outcome met</p> <p>Outcome met</p> <p>Objective met</p> <p>Objective not met—review instructional strategy</p> <p>Objective met</p> <p>F19</p> <p>Objective met</p> <p>Outcome not met—revise instructional strategy</p> <p>Objective met</p> <p>SP2020</p>
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	EN102 No data collected		EN102 No data collected	Provide incentives to collect data.
	EN202 1. Evaluate rhetor		EN202 1. 3 of 3 met expectations	Outcome met

Learning Outcome 2: Quantitative and Scientific Reasoning: Use processes, procedures, data, or evidence to solve problems and make effective decisions.

Objective	Measurement Tool (Who, what, how, when?)	Measurement Goal (Expected Results)	Findings (Actual Results)	Action or Recommendation
LO2 Quantitative and Scientific Reasoning	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 2.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 2.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 2.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 2.4.</p>	Outcome met.
Quantitative and Scientific Reasoning: Use processes, procedures, data, or evidence to solve problems and make effective	<p>Course Learning outcomes (see course learning outcomes matrix)</p> <p>Fall 2018 MA103 Course not offered this term</p> <p>Spring 2019</p>	80% or more of students will meet or exceed expectations	<p>Fall 2018 MA103 Course not offered this term</p> <p>Spring 2019</p>	Review Math sequence for consistency—this required course does not

decisions.	MA103 Course not offered this term		MA103 Course not offered this term	receive sufficient enrollment to run
	MA105 Course not offered this term		MA105 Course not offered this term	
	MA201 1. Create mathematical chart		MA201 1. 4 of 4 met the expectation	Objective met
	Fall 2019 MA103 1. Communicate a quantitative argument in writing 2. Apply an appropriate model to the problem to be solved		Fall 2019 MA103 1. 3 of 3 met the expectation 2. 3 of 3 met the objective	Objective met Objective met
	MA105 Not offered this semester		MA105 Not taught this semester	
	MA201 Not offered this semester		MA201 Not offered this semester	
	Spring 2020 MA103 Not offered this semester		Spring 2020 MA103 Not offered this semester	
	MA105 Not offered this semester		MA105 Not offered this semester	
	MA201 1. Define statistical terms		MA201	Objective met

	2. Test Hypotheses		1. 9 of 12 met the expectation 2. 9 of 12 met the expectation	Objective met
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Learning Outcome 3: Critical Thinking: Effectively analyze, evaluate, synthesize, and apply information and ideas from diverse sources and disciplines.

Objective	Measurement Tool (Who, what, how, when?)	Measurement Goal (Expected Results)	Findings (Actual Results)	Action or Recommendation
LO3 Critical Thinking	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 2.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 2.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 2.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 2.8.</p>	Outcome met.
Critical Thinking: Effectively analyze, evaluate, synthesize, and apply information and ideas from diverse sources and disciplines.	<p>Course Learning outcomes (see course learning outcomes matrix)</p> <p>Fall 2018 EN102</p> <p>1. Synthesize multiple written voices into one coherent conversation</p>	80% or more of students will meet or exceed expectations	<p>Fall 2018 EN102</p> <p>1. 2 of 3 met the objective</p>	Objective met

MA103 Course not offered this term		MA103 Course not offered this term	
MA201 Course not offered this term		MA201 Course not offered this term	
Spring 2019 EN102 1. Cite works by other authors		Spring 2019 EN102 1. 3 of 5 met the objective	Objective not met— revise instructional strategy
MA103 1. Communicate a quantitative argument in writing 2. Apply an appropriate model to the problem to be solved		MA103 1. 3 of 3 met the expectation 2. 3 of 3 met the expectation	Objective met Objective met
MA201 2. Create mathematical chart		MA201 4 of 4 met the expectation	Objective met
Fall 2019 EN102 Data not collected		Fall 2019 EN102 Data not collected	Revise collection incentives
MA103 1. Communicate a quantitative argument in writing 2. Apply an appropriate model to the problem to		MA103 1. 3 of 3 met the expectation 2. 3 of 3 met the expectation	Objective met Objective met

	be solved			
	MA201 Course not offered this term		MA201 Course not offered this term	
	Spring 2020 EN102 Data not collected		Spring 2020 EN102 Data not collected	Revise collection incentives
	MA103 Course not offered this term		MA103 Course not offered this term	
	MA201 1. Test Hypotheses		MA201 1. 9 of 12 met expectations	Objective met

Learning Outcome 4: Information Literacy: Effectively locate, evaluate, and use information from diverse sources.

Objective	Measurement Tool (Who, what, how, when?)	Measurement Goal (Expected Results)	Findings (Actual Results)	Action or Recommendation
LO4 Information Literacy	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 2.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 3.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 2.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 2.7.</p>	Outcome met.
Information Literacy: Effectively locate, evaluate, and use information from diverse sources.	<p>Course Learning outcomes (see course learning outcomes matrix)</p> <p>Fall 2018</p> <p>EN102</p> <p>1. Cite works by other</p>		<p>Fall 2018</p> <p>EN102</p> <p>1. 2 of 3 met the</p>	Objective met

<p>authors</p> <p>2. Synthesize multiple written voices into one coherent conversation</p>		<p>expectation</p> <p>2. 2 of 3 met the expectation</p>	Objective met
<p>EN202</p> <p>Outcome not selected for assessment</p>		<p>EN202</p> <p>Outcome not selected for assessment</p>	Revise selection criteria for Gen Ed CLO assessments
<p>Spring 2019</p> <p>EN102</p> <p>1. Cite works by other authors</p>		<p>Spring 2019</p> <p>EN102</p> <p>1. 3 of 5 met expectations</p>	Objective not met—revise instructional strategy
<p>EN202</p> <p>2. Integrate graphics into written text</p>		<p>EN202</p> <p>1. 5 of 5 met the expectation</p>	Objective met
<p>Fall 2019</p> <p>EN102</p> <p>Data not collected</p>		<p>Fall 2019</p> <p>EN102</p> <p>Data not collected</p>	Revise collection incentives
<p>EN202</p> <p>Outcome not selected for assessment</p>		<p>EN202</p> <p>Outcome not selected for assessment</p>	Revise selection criteria for Gen Ed CLO assessments
<p>Spring 2020</p> <p>EN102</p>		<p>Spring 2020</p> <p>EN102</p>	

	Data not collected EN202 1. Evaluate rhetoric 2. Analyze communication needs		Data not collected EN202 1. 3 of 3 met the expectation 2. 3 of 3 met the expectation	Revise collection incentives Objective met Objective met

Learning Outcome 5: Ethical Responsibility: Apply ethical standards in one's personal, civic, social, or academic life.

Objective	Measurement Tool (Who, what, how, when?)	Measurement Goal (Expected Results)	Findings (Actual Results)	Action or Recommendation
LO5 Ethical Responsibility	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 2.5.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 2.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 3.</p> <p>Spring 2020 10 of 10 met expectations with a group average of 2.8.</p>	Outcome met.
Ethical Responsibility: Apply ethical standards in one's personal, civic, social, or academic life.	<p>Course Learning outcomes (see course learning outcomes matrix)</p> <p>Fall 2018 En202 Not selected for assessment</p>	80% or more of students will meet or exceed expectations	<p>Fall 2018 En202 Not selected for assessment</p>	Recommend assessing LO5 in EN102 and in EN202 in the 2020-2022

	Spring 2019 En202 Not selected for assessment		Spring 2019 En202 Not selected for assessment	plan and revising assignment of items for assessment.
	Fall 2019 En202 Outcome not selected for assessment		Fall 2019 En202 Outcome not selected for assessment	Revise selection criteria for Gen Ed CLO assessments
	Spring 2020 En202 Outcome not selected for assessment		Spring 2020 En202 Outcome not selected for assessment	Revise selection criteria for Gen Ed CLO assessments

Learning Outcome 6: Anishinaabe Culture: Demonstrate an understanding of Ojibwa and other indigenous cultures.

Objective	Measurement Tool (Who, what, how, when?)	Measurement Goal (Expected Results)	Findings (Actual Results)	Action or Recommendation
LO6 Anishinaabe Culture	Program-end assessment in Capstone	80% or more of students will meet or exceed expectations	<p>Fall 2018 2 of 2 met expectations with a group average of 2.</p> <p>Spring 2019 1 of 1 met expectations with a group average of 3.</p> <p>Fall 2019 3 of 4 met expectations with a group average of 2.</p> <p>Spring 2020 9 of 10 met expectations 2.8.</p>	Outcome met.
Anishinaabe Culture: Demonstrate an understanding of Ojibwa and other indigenous cultures.	<p>Course Learning outcomes (see course learning outcomes matrix)</p> <p>Fall 2018</p> <p>EN102 Not explicitly included</p> <p>EN202</p>	80% or more of students will meet or exceed expectations	<p>Fall 2018</p> <p>EN102 Not explicitly included</p>	Update EN102 content to include Anishinaabe cultural component

	1. Step-by-step guide for an Ojibwa craft		EN202 1 of 1 met the objective	Objective met
	Spring 2019		Spring 2019	
	EN102 Not explicitly included		EN102 Not explicitly included	Update EN102 content to include Anishinaabe cultural component
	EN202 1. Step-by-step guide for an Ojibwa craft		EN202 1. Not reported	Revise reporting and assessment mechanism
	Fall 2019		Fall 2019	
	EN102		EN102	Not Selected for assessment—
	EN202		EN202	Systematize selection of CLOs to ensure LO6 is assessed at least once each cycle in the Composition sequence.
	Spring 2020		Spring 2020	
	EN102		EN102	
	EN202		EN20	

General Education Learning Outcomes 2018-2020

1. Communication Skills: Engage in effective oral and written communication.

Courses: EN102, EN150, EN202

2. Quantitative and Scientific Reasoning: Use processes, procedures, data, or evidence to solve problems and make effective decisions.

Courses: MA103, MA105, MA130, MA201

3. Critical Thinking: Effectively analyze, evaluate, synthesize, and apply information and ideas from diverse sources and disciplines.

Courses: EN102, EN150, EN202, MA103, MA201

4. Information Literacy: Effectively locate, evaluate, and use information from diverse sources.

Courses: EN102, EN150, EN202

5. Ethical Responsibility: Apply ethical standards in one's personal, civic, social, or academic life.

Courses: EN202

6. Anishinaabe Culture: Demonstrate an understanding of Ojibwa and other indigenous cultures.

Courses: EN102, EN150, EN202

Integration of General Education Learning Outcomes in All Courses

1. Communication Skills: Engage in effective oral and written communication.

AS101 Introduction to Anishinaabe Studies	Basic
AS102 Anishinaabe Values and Philosophy	Basic
AS200 History of Michigan Tribes	Basic
AS201 History of North American Anishinaabe	Basic
AS210 Traditional Storytelling	Intermediate
AS215 Contemporary Anishinaabe Issues	Basic
AS225 Anishinaabe Education	Basic
AS232 Tribal Government	Basic
AR103 Art Appreciation	Basic
AR105 Ojibwa Beadwork	Basic
AR106 Ojibwa Basket-making	Basic
AR107 Ojibwa Garments	Basic
AR115 Ojibwa Pottery	Basic
AR204 Anishinaabe Art Forms	Basic
EN102 College Composition	Basic
EN150 Introduction to Literature	Basic
EN202 College Composition II	Advanced
EN210 World Literature	Basic
EN220 Storytelling in the Digital Age	Intermediate
EN250 Anishinaabe Images in Literature and Film	Basic
EN255 Modern Anishinaabe Literature	Basic
HS110 Introduction to American Government	Basic
HU109 Introduction to Humanities	Basic
LS103 College Success	Basic
OS110 Ojibwa Language and Culture I	Basic
OS135 Keweenaw Bay Indian Community History	Basic
OS205 Ojibwa Language and Culture II	Advanced
PE112 Powwow Dancing	Basic

2. Quantitative and Scientific Reasoning: Use processes, procedures, data, or evidence to solve problems and make effective decisions.

BI109 Medicinal Plants	Basic
BI 130 Introduction to Conservation	Basic
BI 203 Wildlife Biology	Advanced
BI 204 Ornithology	Basic
BI 205 Fisheries Biology and Management	Basic
BI206 Principles of Ecology	Basic
BI211 Plant Taxonomy	Intermediate
EC201 Microeconomics	Basic
EC202 Macroeconomics	Basic
ES110 Introduction to Environmental Science	Intermediate
ES121 Dendrology	Basic
ES204 Forest Ecosystems of the Upper Peninsula	Basic
ES242 Wetlands	Basic
GS105 Introduction to Earth Science	Basic
GS122 Weather and Climate	Intermediate
GS215 Environmental Geology	Basic
MA103 Quantitative Reasoning	Intermediate
MA105 College Algebra	Intermediate
MA130 Pre-Calculus	Intermediate
MA201 Probability and Statistics	Intermediate
OS122 Intro to Ojibwa Environmental Studies	Basic
PY201 Psychology	Basic
PY240 Abnormal Psychology	Basic
PY260 Social Psychology	Basic
SO201 Marriage and the Family	Basic

3. Critical Thinking: Effectively analyze, evaluate, synthesize, and apply information and ideas from diverse sources and disciplines.

AS101 Introduction to Anishinaabe Studies	Basic
AS102 Anishinaabe Values and Philosophy	Basic

AS200 History of Michigan Tribes	Basic
AS201 History of North American Anishinaabe	Basic
AS210 Traditional Storytelling	Basic
AS215 Contemporary Anishinaabe Issues	Intermediate
AS225 Anishinaabe Education	Basic
AS232 Tribal Government	Basic
AR103 Art Appreciation	Basic
AR105 Ojibwa Beadwork	Basic
AR106 Ojibwa Basket-making	Basic
AR107 Ojibwa Garments	Intermediate
AR115 Ojibwa Pottery	Intermediate
AR204 Anishinaabe Art Forms	Basic
BI109 Medicinal Plants	Intermediate
BI 130 Introduction to Conservation	Basic
BI 203 Wildlife Biology	Basic
BI 205 Fisheries Biology and Management	Basic
BI206 Principles of Ecology	Intermediate
BI211 Plant Taxonomy	Basic
EC201 Microeconomics	Basic
EC202 Macroeconomics	Intermediate
EN102 College Composition I	Basic
EN150 Public Speaking	Basic
EN202 College Composition II	Intermediate
EN210 World Literature	Basic
EN220 Storytelling in the Digital Age	Basic
EN250 Anishinaabe Images in Literature and Film	Basic
EN255 Modern Anishinaabe Literature	Basic
ES110 Introduction to Environmental Science	Basic
ES204 Forest Ecosystems of the Upper Peninsula	Basic
ES242 Wetlands	Basic
GS105 Introduction to Earth Science	Basic

GS122 Weather and Climate	Basic
GS215 Environmental Geology	Intermediate
HS110 Introduction to American Government	Intermediate
HU109 Introduction to Humanities	Basic
LS103 College Success Seminar	Basic
MA103 Quantitative Reasoning	Basic
MA201 Probability and Statistics	Basic
OS110 Ojibwa Language and Culture I	Basic
OS122 Intro to Ojibwa Environmental Studies	Intermediate
OS135 Keweenaw Bay Indian Community History	Basic
OS205 Ojibwa Language and Culture II	Basic
PE112 Powwow Dancing	Basic
PY101 Psychology	Basic
PY240 Abnormal Psychology	Intermediate
PY260 Social Psychology	Intermediate
SO101 Introduction to Sociology	Basic
SO102 Social Problems	Basic
SO201 Marriage and the Family	Basic
SO202 Minority Groups in America	Basic

4. Information Literacy: Effectively locate, evaluate, and use information from diverse sources.

AS101 Introduction to Anishinaabe Studies	Basic
AS232 Tribal Government	Basic
EN102 College Composition I	Basic
EN150 Introduction to Literature	Basic
EN202 College Composition II	Basic
EN210 World Literature	Basic
EN220 Storytelling in the Digital Age	Intermediate
EN250 Anishinaabe Images in Literature and Film	Basic
EN255 Modern Anishinaabe Literature	Basic

HU109 Introduction to Humanities	Basic
LS103 College Success Seminar	Basic
OS135 Keweenaw Bay Indian Community History	Basic
PY101 Psychology	Basic
SO202 Minority Groups in America	Basic

5. Ethical Responsibility: Apply ethical standards in one's personal, civic, social, or academic life.

AS101 Introduction to Anishinaabe Studies	Basic
AS102 Anishinaabe Values and Philosophy	Basic
BI 130 Introduction to Conservation	Basic
EN202 College Composition II	Advanced
ES204 Forest Ecosystems of the Upper Peninsula	Basic
HS110 Introduction to American Government	Intermediate
OS122 Intro to Ojibwa Environmental Studies	Basic
PY101 Psychology	Basic
SO102 Social Problems	Intermediate
SO202 Minority Groups in America	Basic

6. Anishinaabe Culture: Demonstrate an understanding of Ojibwa and other indigenous cultures

AS101 Introduction to Anishinaabe Studies	Basic
AS102 Anishinaabe Values and Philosophy	Intermediate
AS200 History of Michigan Tribes	Basic
AS201 History of North American Anishinaabe	Basic
AS210 Traditional Storytelling	Basic
AS215 Contemporary Anishinaabe Issues	Advanced
AS225 Anishinaabe Education	Basic
AS232 Tribal Government	Intermediate
AR105 Ojibwa Beadwork	Intermediate
AR106 Ojibwa Basket-making	Intermediate
AR107 Ojibwa Garments	Advanced

AR204 Anishinaabe Art Forms	Intermediate
BI 203 Wildlife Biology	Basic
BI 205 Fisheries Biology and Management	Basic
BI206 Principles of Ecology	Basic
BI211 Plant Taxonomy	Basic
EN150 Introduction to Literature	Basic
EN202 College Composition II	Basic
EN210 World Literature	Basic
EN220 Storytelling in the Digital Age	Basic
EN250 Anishinaabe Images in Literature and Film	Intermediate
EN255 Modern Anishinaabe Literature	Basic
ES110 Introduction to Environmental Science	Basic
ES121 Dendrology	Basic
ES204 Forest Ecosystems of the Upper Peninsula	Basic
ES242 Wetlands	Basic
GS105 Introduction to Earth Science	Basic
HU109 Introduction to Humanities	Basic
LS103 College Success	Basic
OS110 Ojibwa Language and Culture I	Intermediate
OS122 Intro to Ojibwa Environmental Studies	Intermediate
OS135 Keweenaw Bay Indian Community History	Basic
OS205 Ojibwa Language and Culture II	Advanced
PE112 Powwow Dancing	Basic
PY101 Psychology	Basic
SO101 Introduction to Sociology	Intermediate
SO102 Social Problems	Intermediate
SO202 Minority Groups in America	Basic