

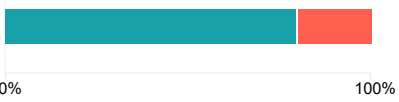
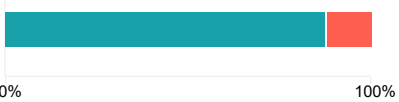
# Program Assessment Plan 2021-2023

## Technical Studies

### Technical Studies Learning Outcomes

#### SLO 1: Communicate effectively

Communicate effectively by use of composition through writing and speaking and comprehension through reading and listening.

MEASURES	RESULTS	ACTIONS								
<p><b>Measure 1.1</b></p> <p>Rhetorical Analysis Writing Assignment: After viewing two assigned commercials, students will write a well-developed paragraph (at least 7-8 sentences) comparing and contrasting these advertisements. They will focus on the effectiveness of the ads in getting their point across to viewers and the persuasive communication used by the companies, using specific examples from the commercials.</p> <p><i>English Composition II: ENGL 1025</i></p> <p><b>Target</b></p> <p>At least 75 % of students will effectively describe in a written form a detailed rhetorical comparison by viewing and listening to commercials and scoring a C or better on the assignment.</p>	<p><b>MET</b></p> <p>Measure 1.1</p> <p>■ Met ■ Not Met</p>  <table border="1" data-bbox="582 795 981 929"> <tr> <td>Met:</td> <td>80%</td> </tr> <tr> <td>Not Met:</td> <td>20%</td> </tr> <tr> <td>Met Total:</td> <td>80%</td> </tr> <tr> <td>Not Met Total:</td> <td>20%</td> </tr> </table> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	Met:	80%	Not Met:	20%	Met Total:	80%	Not Met Total:	20%	<p><i>No actions have been added.</i></p>
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<p><b>Measure 1.2</b></p> <p>Speech Activity Assignment: Students will watch a speech assigned by the instructor from the Great Depression/ World War II Era (1930s, 40s, or 50s). In a well-developed paragraph, students will write a response discussing the content and purpose of the speech, paying special attention to its social context. They will discuss how the speaker communicated this message and what kind of effect do you think this speech had on American society at that time.</p> <p><i>American History II: HIST 2020</i></p> <p><b>Target</b></p> <p>At least 70 % of students will effectively analyze the social context of a given time period by watching a speech and scoring at least a C on the given rubric.</p>	<p><b>MET</b></p> <p>Measure 1.2</p> <p>■ Met ■ Not Met</p>  <table border="1" data-bbox="582 1433 981 1568"> <tr> <td>Met:</td> <td>88%</td> </tr> <tr> <td>Not Met:</td> <td>12%</td> </tr> <tr> <td>Met Total:</td> <td>88%</td> </tr> <tr> <td>Not Met Total:</td> <td>13%</td> </tr> </table> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	Met:	88%	Not Met:	12%	Met Total:	88%	Not Met Total:	13%	<p><i>No actions have been added.</i></p>
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#### SLO 2: Mathematical problem-solving

Construct problem-solving strategies to model, interpret, and (or) communicate solutions to mathematical problems.

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MEASURES	RESULTS	ACTIONS								
<p><b>Measure 2.1</b></p> <p>Assignment - After the unit on finance, students enrolled in Math 1500 will be given a real-world situation where the student will need to use quantitative reasoning, analysis, and problem solving to determine which option to select when purchasing a vehicle. Students will demonstrate competency by earning at least 75% (9/12 points) on the rubric</p> <p><i>Finite Math: MATH 1500</i></p> <p><b>Target</b></p> <p>At least 70% of General Education Students will be able to demonstrate mathematical proficiency through the use of quantitative analysis and logical reasoning to analyze data and to make well-informed decisions as it relates to a real-world problem by earning a 75% or higher on the assessment rubric.</p>	<p><b>NOT MET</b></p> <p>Measure 2.1</p> <p>■ Met ■ Not Met</p> <table border="1"> <tr> <td>Met:</td> <td>61%</td> </tr> <tr> <td>Not Met:</td> <td>39%</td> </tr> <tr> <td>Met Total:</td> <td>61%</td> </tr> <tr> <td>Not Met Total:</td> <td>39%</td> </tr> </table> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	Met:	61%	Not Met:	39%	Met Total:	61%	Not Met Total:	39%	<p><i>No actions have been added.</i></p>
Met:	61%									
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<p><b>Measure 2.2</b></p> <p>Assignment - After the unit on linear functions, students enrolled in Math 1005 will be given a real-world situation where the student will need to model a linear representation of a depreciating computer value. The student will use algebraic and graphic representations to demonstrate, analyze, and communicate the predicted value of the computer over time. Students will demonstrate competency by earning at least 75% (12/16 points) on the rubric</p> <p><i>College Algebra Fundamentals: MATH 1005</i></p> <p><b>Target</b></p> <p>At least 70% of General Education Students will be able to demonstrate mathematical proficiency through the use of quantitative analysis, logical reasoning, and mathematical modeling to analyze data and to make well-informed predictions as it relates to a real-world problem by earning a 75% or higher on the assessment rubric</p>	<p><b>MET</b></p> <p>Measure 2.2</p> <p>■ Met ■ Not Met</p> <table border="1"> <tr> <td>Met:</td> <td>74%</td> </tr> <tr> <td>Not Met:</td> <td>26%</td> </tr> <tr> <td>Met Total:</td> <td>74%</td> </tr> <tr> <td>Not Met Total:</td> <td>26%</td> </tr> </table> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	Met:	74%	Not Met:	26%	Met Total:	74%	Not Met Total:	26%	<p><i>No actions have been added.</i></p>
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**SLO 3: Integrate scientific nature concepts**

Integrate concepts of the scientific nature of the world and the role of behavioral and natural sciences as it pertains to health and well-being.


MEASURES	RESULTS	ACTIONS
<p><b>Measure 3.1</b></p>	<p><b>NOT MET</b></p> <p>Measure 3.1</p> <p>■ Met ■ Not Met</p>	<p><i>No actions have been added.</i></p>

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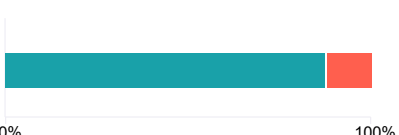
<p>Students enrolled in BIOL 1110 will use resources on an assessment handout to answer 10 multiple choice questions. Topics that will be covered in the assessment include environmental sustainability, the impacts of exponential growth of the human population, renewable and non-renewable energy sources and air quality/air pollution. Students will demonstrate competency by earning at least 70 % (7/10 points) on the assessment.</p> <p><i>Environmental Biology: BIOL 1110</i></p> <p><b>Target</b></p> <p>At least 90% of General Education Students will be able to demonstrate knowledge of the scientific world and how it relates to their health and well-being by earning a 70% (7/10 questions correct) or higher on the assessment.</p>	 <p>0% 100%</p> <p>Met: 56% Not Met: 44%</p> <p>Met Total: 56% Not Met Total: 44%</p> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	
<p><b>Measure 3.2</b></p> <p>Students enrolled in BIOL 1100 will use information provided in class, online, and in a video to answer a set of short answer questions. The questions will demonstrate their ability to read a food label, analyze the amount of macronutrients and micronutrients in the food, and reflect on the types of food are best for their cardiovascular health and overall well-being. Students will demonstrate competency by earning at least 70% on the assessment.</p> <p><i>Gen Biology I (Science Major): BIOL 1100</i></p> <p><b>Target</b></p> <p>At least 80% of General Education Students will be able to demonstrate knowledge of the scientific world and how it relates to their health and well-being by earning a 70% or higher on the assessment.</p>	<p><b>MET</b></p> <p>Measure 3.2</p> <p>■ Met ■ Not Met</p>  <p>0% 100%</p> <p>Met: 89% Not Met: 11%</p> <p>Met Total: 89% Not Met Total: 11%</p> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	<p><i>No actions have been added.</i></p>

SLO 4: Literature, Art, Music & Media

Examine significant ideas and achievements in literature, art, music, and media in order to evaluate the impact these forms of expression have in today's world.

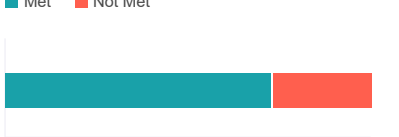

MEASURES	RESULTS	ACTIONS
<p><b>Measure 4.1 (ENGL 2010, 2020, 2023)</b></p> <p>Journal Reflection Assignment- Students will reflect on one of the literary movements discussed in class that they've found interesting. In a well-developed paragraph (10-12 sentences), they will discuss why they found that movement and the works so compelling, using themes from the works during that time to apply to today's world.</p> <p><i>British Literature: ENGL 2010</i></p> <p><b>Target</b></p> <p>At least 85 % of students will be able to analyze literary works and movements and apply thematic</p>	<p><b>MET</b></p> <p>Measure 4.1 (ENGL 2010, 2020, 2023)</p> <p>■ Met ■ Not Met</p>  <p>0% 100%</p> <p>Met: 92% Not Met: 8%</p> <p>Met Total: 92% Not Met Total: 8%</p> <p><b>Analysis</b></p>	<p><i>No actions have been added.</i></p>

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<p>concepts to today's world, scoring an Adequate or above on each element of the grading criteria.</p>	<p>Refer to notes/actions in General Education Core.</p>									
<p><b>Measure 4.2</b></p> <p>Film Activity Assignment - Students will view assigned movie clips pertinent to the course material on leadership development. Students will write a 7-8 sentence reflection determining how the themes of leadership and team work presented in the video clips relate to today's world using relevant examples from the movie and their own experiences.</p> <p><i>Humanities for Leaders: HMAN 2015</i></p> <p><b>Target</b></p> <p>At least 85% of students will be able to identify the connections between film themes and modern society by earning a score of Acceptable or above on each graded element.</p>	<p><b>MET</b></p> <p>Measure 4.2</p> <p>■ Met ■ Not Met</p>  <table border="1"> <tr> <td>Met:</td> <td>88%</td> </tr> <tr> <td>Not Met:</td> <td>12%</td> </tr> <tr> <td>Met Total:</td> <td>88%</td> </tr> <tr> <td>Not Met Total:</td> <td>13%</td> </tr> </table> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	Met:	88%	Not Met:	12%	Met Total:	88%	Not Met Total:	13%	<p><i>No actions have been added.</i></p>
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SLO 5: Diversity of the human experience

Analyze the diversity of the human experience through the practical applications of social, historical, cultural, economic, and political systems and apply to current events and in professional settings.

MEASURES	RESULTS	ACTIONS								
<p><b>Measure 5.1</b></p> <p>Comparison Writing Assignment- In a college-level paragraph (at least 6-8 sentences), the student will compare or contrast Persia and Greece on one of the following topics: Social/cultural, Economic, or Politics.</p> <p><i>Western Civilization I: HIST 1010</i></p> <p><b>Target</b></p> <p>At least 80 % of students will demonstrate proficiency in comparing or contrasting two different countries by focusing on a specific topic of their social/cultural, economic, or political differences and scoring a B or higher.</p>	<p><b>NOT MET</b></p> <p>Measure 5.1</p> <p>■ Met ■ Not Met</p>  <table border="1"> <tr> <td>Met:</td> <td>73%</td> </tr> <tr> <td>Not Met:</td> <td>27%</td> </tr> <tr> <td>Met Total:</td> <td>73%</td> </tr> <tr> <td>Not Met Total:</td> <td>27%</td> </tr> </table> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	Met:	73%	Not Met:	27%	Met Total:	73%	Not Met Total:	27%	<p><i>No actions have been added.</i></p>
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<p><b>Measure 5.2</b></p> <p>Conformity &amp; Obedience Quiz-Students will answer questions covering the analysis and application of both conformity and obedience included in 3 groundbreaking psychological experiments in social psychology.</p> <p><i>Introduction To Psychology: PSYC 2015</i></p>	<p><b>MET</b></p> <p>Measure 5.2</p> <p>■ Met ■ Not Met</p>  <table border="1"> <tr> <td>Met:</td> <td>77%</td> </tr> </table>	Met:	77%	<p><i>No actions have been added.</i></p>						
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<p><b>Target</b></p> <p>Students will earn 75% or higher on a quiz measuring their understanding and application of conformity and obedience in psychological research.</p>	<p>Not Met: 23%</p> <p>Met Total: 77%</p> <p>Not Met Total: 23%</p> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	
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SLO 6: Distinguish & apply credible sources

Distinguish and apply credible sources of knowledge utilizing information literacy and research skills.

MEASURES	RESULTS	ACTIONS										
<p><b>Measure 6.1</b></p> <p>Fake News &amp; Bias Quiz-Students will answer questions related to distinguishing fake news and bias using information literacy training.</p> <p><i>Psy of Addict Behave&amp;Sub Abuse: PSYC 1500</i></p> <p><b>Target</b></p> <p>Students will achieve at least 80% proficiency in distinguishing credible sources of knowledge.</p>	<p><b>NOT MET</b></p> <p>Measure 6.1</p> <p>■ Met ■ Not Met</p> <table border="0"> <tr> <td>0%</td> <td style="text-align: right;">100%</td> </tr> <tr> <td>Met:</td> <td style="text-align: right;">32%</td> </tr> <tr> <td>Not Met:</td> <td style="text-align: right;">68%</td> </tr> <tr> <td>Met Total:</td> <td style="text-align: right;">32%</td> </tr> <tr> <td>Not Met Total:</td> <td style="text-align: right;">68%</td> </tr> </table> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	0%	100%	Met:	32%	Not Met:	68%	Met Total:	32%	Not Met Total:	68%	<p><i>No actions have been added.</i></p>
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<p><b>Measure 6.2</b></p> <p>Information Literacy &amp; Research Quiz - Students will answer questions regarding the use of information literacy applied to research skills.</p> <p><i>Introduction To Psychology: PSYC 2015</i></p> <p><b>Target</b></p> <p>Students will achieve at least 75% proficiency in using information literacy in research.</p>	<p><b>MET</b></p> <p>Measure 6.2</p> <p>■ Met ■ Not Met</p> <table border="0"> <tr> <td>0%</td> <td style="text-align: right;">100%</td> </tr> <tr> <td>Met:</td> <td style="text-align: right;">75%</td> </tr> <tr> <td>Not Met:</td> <td style="text-align: right;">25%</td> </tr> <tr> <td>Met Total:</td> <td style="text-align: right;">75%</td> </tr> <tr> <td>Not Met Total:</td> <td style="text-align: right;">25%</td> </tr> </table> <p><b>Analysis</b></p> <p>Refer to notes/actions in General Education Core.</p>	0%	100%	Met:	75%	Not Met:	25%	Met Total:	75%	Not Met Total:	25%	<p><i>No actions have been added.</i></p>
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