# 2015-16 AAOT Outcome Assessment Plan

Departments: Arts & Humanities, Science, Social Sciences, Writing and Languages, Math

1. Outcome	2. Target or Benchmark	3. Measurement Tool (course #, title, term)	4. When/how and by who analysis of assessment will be accomplished
1. Arts & Letters: As a result of taking General Educa	tion Arts & Letters* courses, a st	udent should be able to:	
1.A. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life	<ul> <li>80% of students will earn a "C" or higher</li> <li>60% of students will earn a "B" or higher</li> </ul>	Summer  ART 231 Drawing  ART 253 Ceramics I  ART 256 Ceramics II  ART 281 Painting II  CH 106 Allied Health Chemistry III  ENG 106 Intro to Literature (Poetry)	76.36% of students received a B or better 88.95% and received a C or better. Targets met. No changes recommended.
		Fall ART 231 Drawing ART 253 Ceramics I ART 256 Ceramics II ART 270 Printmaking ART 281 Painting II ART 284 Watercolor I ART 292 Sculpture: Mixed Media CH 104 Allied Health Chemistry I ENG 260 Intro to Women Writers MUS 105 Music Appreciation MUS 108 Music Cultures of the World TA 101 Theatre Appreciation TA 141 Fundamentals of Acting Principles TA 142 Fundamentals of Acting Principles	
		Winter ART 231 Drawing ART 253 Ceramics I ART 256 Ceramics II ART 270 Printmaking ART 281 Painting II ART 292 Sculpture: Mixed Media CH 121 General Chemistry I CH 122 General Chemistry II ENG 104 Intro to Literature (Fiction)	

1.B. Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues	<ul> <li>80% of students will earn a "C" or higher</li> <li>60% of students will earn a "B" or higher</li> </ul>	ENG 250 Folklore and Mythology ENG 253 Survey of American Literature  Spring  ART 231 Drawing ART 253 Ceramics I ART 256 Ceramics II ART 270 Printmaking ART 281 Painting II ART 292 Sculpture: Mixed Media CH 122 General Chemistry II CH 123 General Chemistry III ENG 105 Intro to Literature (Drama) ENG 250 Intro to Folklore and Mythology ENG 254 Survey of American Literature ESR 173 Env. Science: Geol Persp MUS 105 Music Appreciation MUS 108 Music Cultures of the World  Summer  Fall CH 104 Allied Health Chemistry I  Winter CH 121 General Chemistry II PSY 202A Intro to Psychology – Part 2 TA 274 Theatre History  Spring CH 122 General Chemistry III MUS 108 Music Cultures of the World PHL 204 Philosophy of Religion	72.55% of students received a B or better and 88.89% received a C or better. Target met, no changes recommended.
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# 2. Cultural Literacy: As a result of taking a designated Cultural Literacy course, learner would be able to:

- 2.A. Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference
- 80% of students will earn a "C" or higher
- 60% of students will earn a "B" or higher

#### Summer

### <u>Fall</u>

HST 101 Western Civ: Ancient to Medieval
HST 201 History of the United States I JPN 101 1<sup>st</sup> Year Japanese – 1<sup>st</sup> term
JPN 201 2<sup>nd</sup> Year Japanese – 1<sup>st</sup> term
PHL 201 Being and Knowing
PSY 215 Human Development
MUS 105 Music Appreciation
SPA 101 1<sup>st</sup> Year Spanish – 1<sup>st</sup> term
SPA 201 2<sup>nd</sup> Year Spanish – 1<sup>st</sup> term
TA 101 Theatre Appreciation

77.63% of students received a B or better and 88.16% received a C or better. Target met, no changes recommended.

#### Winter

COMM 237 Gender and Communication HST 102 Western Civ.: Medieval to Modern HST 202 History of the United States II JPN 102 1st Year Japanese – 2nd term JPN 202 2nd Year Japanese – 2nd term SPA 102 1st Year Spanish – 2nd term SPA 202 2nd Year Spanish – 2nd term TA 274 Theatre History

### **Spring**

HST 103 Western Civ: Modern Europe JPN 103 1<sup>st</sup> Year Japanese – 3<sup>rd</sup> term JPN 203 2<sup>nd</sup> Year Japanese – 3<sup>rd</sup> term PSY 202A Intro to Psychology – Part 2 SPA 103 1<sup>st</sup> Year Spanish – 3<sup>rd</sup> term SPA 203 2<sup>nd</sup> Year Spanish – 3<sup>rd</sup> term

3. Mathematics: As a result of taking General Educa	tion	Mathematics courses, a stud	ent should be able to:	
3.A. Use appropriate mathematics to solve problems	•	80% of students will earn a "C" or higher 60% of students will earn a "B" or higher	Summer MTH 95 Intermediate Algebra MTH 111 College Algebra  Fall CH 104 Allied Health Chemistry I EC 200 Intro to Economics FN 225 Nutrition MTH 95 Intermediate Algebra MTH 111 College Algebra MTH 243 Statistics I MTH 251 Calculus I Winter CH 121 General Chemistry II EC 201 Prin. of Econ: Microeconomics ESR 172 Env. Science: Chemical Perspectives FN 225 Nutrition MTH 95 Intermediate Algebra MTH 105 MTH 111 College Algebra MTH 243 Statistics I MTH 252 Calculus II  Spring CH 122 General Chemistry II EC 202 Principles of Econ: Macroeconomics MTH 95 Intermediate Algebra MTH 111 College Algebra MTH 112 General Chemistry III EC 202 Principles of Econ: Macroeconomics MTH 95 Intermediate Algebra MTH 111 College Algebra MTH 112 Elementary Functions MTH 244 Statistics II MTH 253 Calculus III	72.44% of students received a B or better and 91.42% received a C or better. Target met, no changes recommended.

3.B. Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results

- 80% of students will earn a "C" or higher
- 60% of students will earn a "B" or higher

#### Summer

MTH 95 Intermediate Algebra MTH 111 College Algebra

#### Fall

CH 104 Allied Health Chemistry I EC 200 Intro to Economics FN 225 Nutrition MTH 95 Intermediate Algebra MTH 111 College Algebra MTH 243 Statistics I MTH 251 Calculus I

#### Winter

CH 121 General Chemistry I CH 122 General Chemistry II EC 201 Prin. of Econ: Microeconomics FN 225 Nutrition MTH 95 Intermediate Algebra

MTH 111 College Algebra
MTH 243 Statistics I
MTH 252 Calculus II

## **Spring**

CH 122 General Chemistry II
CH 123 General Chemistry III
EC 202 Principles of Econ:
Macroeconomics
MTH 95 Intermediate Algebra
MTH 111 College Algebra
MTH 112 Elementary Functions
MTH 244 Statistics II

MTH 253 Calculus III

72.35% of students received a B or better and 91.64% received a C or better. Target met, no changes recommended.

4. Science or Computer Science: As a result of taking General Education Science or Computer Science courses, a student should be able to:

4.A. Gather, comprehend, and communicate 80% of students will Summer 75.05% of students received a B scientific and technical information in order to earn a "C" or higher MTH 111 College Algebra or better and 92.62% received a C or better. Target met, no changes explore ideas, models, and solutions and generate 60% of students will further questions recommended. earn a "B" or higher Fall BI 211 Principles of Biology CH 104 Allied Health Chemistry I FN 225 Nutrition MTH 111 College Algebra MTH 243 Statistics I MTH 251 Calculus I Winter BI 211 Principles of Biology BI 212 Principles of Biology CH 121 General Chemistry I CH 122 General Chemistry II FN 225 Nutrition MTH 111 College Algebra MTH 243 Statistics I MTH 252 Calculus II PSY 239 Intro to Abnormal Psychology **Spring BI212** Principles of Biology **BI213** Principles of Biology BI 233 Human Anatomy & Physiology III CH 122 General Chemistry II CH 123 General Chemistry III MTH 111 College Algebra MTH 112 Elementary Functions MTH 244 Statistics II MTH 253 Calculus III PSY 202A Intro to Psychology – Part 2

4.B. Apply scientific and technical modes of	80% of students will	<u>Summer</u>	73.31% of students received a B
inquiry, individually, and collaboratively, to	earn a "C" or higher 60% of students will	- "	or better and 88.84% received a
critically evaluate existing or alternative	earn a "B" or higher	Fall	C or better. Target met, no
explanations, solve problems, and make evidence- based decisions in an ethical manner	earifa b of fligher	BI211 Principles of Biology	changes recommended.
based decisions in an ethical manner		CH 104 Allied Health Chemistry I	
		ESR 171 Env. Science: Biological	
		Perspectives	
		FN 225 Nutrition	
		PSY 215 Human Development	
		Winter	
		BI211 Principles of Biology	
		BI212 Principles of Biology	
		CH 121 General Chemistry I	
		CH 122 General Chemistry II	
		ESR 172 Env. Science: Chemical	
		Perspectives	
		FN 225 Nutrition	
		PSY 201A Intro to Psychology – Part 1	
		PSY 239 Intro. to Abnormal Psychology	
		Spring	
		BI212 Principles of Biology	
		BI213 Principles of Biology	
		CH 122 General Chemistry II	
		CH 123 General Chemistry III	
		ESR 173 Env. Science: Geological	
		Perspective	
		PSY 202A Intro to Psychology – Part 2	

5.A. Apply analytical skills to social phenomena in order to understand human behavior	•	80% of students will earn a "C" or higher 60% of students will earn a "B" or higher	Summer PSY 239 Intro. to Abnormal Psychology  Fall PHL 201 Being and Knowing EC 200 Introduction to Economics HST 101 Western Civ: Ancient to Medieval HST 201 History of the United States I PS 201 US Government: Foundations & Prin PSY 215 Human Development  Winter COMM 237 Gender and Communication HST 102 Western Civ.: Medieval to Modern HST 202 History of the United States II PS 202 US Government: Institutions & Pol PSY 201A Intro to Psychology — Part 1 PSY 239 Intro. to Abnormal Psychology Spring HST 103 Western Civ: Modern Europe HST 203 History of the United States III PHL 204 Philosophy of Religion PSY 202A Intro to Psychology — Part 2	71.03% of students received a B or better and 83.73% received a C or better. Target met, no changes recommended.

5.B. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live	80% of students will earn a "C" or higher     60% of students will earn a "B" or higher	Summer PSY 239 Intro to Abnormal Psychology Fall ESR 171 Env. Science: Biological Perspectives FN 225 Nutrition HST 101 Western Civ: Ancient to Medieval HST 201 History of the United States I PHL 201 Being and Knowing PS 201 US Government: Foundations & Prin PSY 215 Human Development  Winter COMM 237 Gender and Communication FN 225 Nutrition HST 102 Western Civ.: Medieval to Modern HST 202 History of the United States II PS 202 US Government: Institutions & Pol PSY 201A Intro. to Psychology — Part 1 PSY 239 Intro to Abnormal Psychology  Spring HST 103 Western Civ: Modern Europe HST 203 History of the United States III PHL 204 Philosophy of Religion PSY 202A Intro to Psychology — Part 2	71.08% of students received a B or better and 83.94% received a C or better. Target met, no changes recommended.
6. Speech/Oral Communication: As a result of taking Ger 6.A. Engage in ethical communication processes that accomplish goals	<ul> <li>80% of students will earn a "C" or higher</li> <li>60% of students will earn a "B" or higher</li> </ul>	Example 1 Communication courses, a student should be a Summer COMM 111 Public Speaking  Fall BA 224 Human Resource Management COMM 111 Public Speaking COMM 215 Small Group Communication ESR 171 Env. Science: Biological Perspectives FN 225 Nutrition  Winter COMM 111 Public Speaking COMM 237 Gender and Communication	ble to:  82.67% of students received a B or better and 90.59% received a C or better. Target met, no changes recommended.

6.B. Respond to the needs of diverse audiences and contexts	80% of students will earn a "C" or higher     60% of students will	ESR 172 Env. Science: Chemical Perspectives FN 225 Nutrition  Spring BA 205 Solving Com Problems w/Technology ESR 173 Env. Science: Geological Perspective  Summer COMM 111 Public Speaking	90.48% of students received a B or better and 93.33% received a C
	60% of students will earn a "B" or higher	Fall COMM 111 Public Speaking COMM 215 Small Group Communication  Winter COMM 111 Public Speaking COMM 140 Intro to Intercultural Comm COMM 237 Gender and Communication  Spring BA 205 Solving Com Problems w/Technology COMM 237 Gender and Communication	or better. Target met, no changes recommended.
6.C. Build and manage relationships	<ul> <li>80% of students will earn a "C" or higher</li> <li>60% of students will earn a "B" or higher</li> </ul>	Fall CH 104 Allied Health Chemistry I COMM 215 Small Group Communication TA 141 Fundamentals of Acting TA 142 Fundamentals of Acting  Winter CH 121 General Chemistry I CH 122 General Chemistry II COMM 140 Intro to Intercultural Comm	74.31% of students received a B or better and 90.83% received a C or better. Target met, no changes recommended.

	Spring CH 122 General Chemistry II CH 123 General Chemistry III COMM 214 Interpersonal Communication			
7. Writing: As a result of completing the General Education Writing sequence, a student should be able to:				

7.A. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences	<ul> <li>80% of students will earn a "C" or higher</li> <li>60% of students will earn a "B" or higher</li> </ul>	Summer PSY 239 Intro to Abnormal Psychology WR 121 English Composition WR 122 English Composition	70.64% of students received a B or better and 87.13% received a C or better. Target met, no changes recommended.
		Fall CH 104 Allied Health Chemistry I EC 200 Introduction to Economics FN 225 Nutrition HST 101 Western Civ: Ancient to Medieval HST 201 History of the United States I MUS 105 Music Appreciation PHL 201 Being and Knowing PS 201 US Government: Foundations & Prin PSY 215 Human Development WR 121 English Composition WR 122 English Composition	
		Winter CH 121 General Chemistry I CH 122 General Chemistry II FN 225 Nutrition HST 102 Western Civ.: Medieval to Modern HST 202 History of the United States II PS 202 US Government: Institutions & Pol PSY 201A Intro to Psychology – Part 1 PSY 239 Intro to Abnormal Psychology WR 121 English Composition WR 122 English Composition	
		Spring CH 122 General Chemistry II CH 123 General Chemistry III HST 103 Western Civ: Modern Europe HST 203 History of the United States III PSY 202A Intro to Psychology – Part 2 WR 121 English Composition WR 122 English Composition WR 227 Technical & Professional Writing	

7.B. Locate, evaluate, and ethically utilize information to communicate effectively	80% of students will earn a "C" or higher 60% of students will earn a "B" or higher	Summer  WR 121 English Composition  WR 122 English Composition  Fall  MUS 105 Music Appreciation  WR 121 English Composition  WR 122 English Composition  Winter  BA 131 Computers in Business  TA 274 Theatre History  WR 121 English Composition  WR 122 English Composition  WR 122 English Composition	72.24% of students received a B or better and 88.05% received a C or better. Target met, no changes recommended.
		Spring  BA 280 Cooperative Ed: Business Exp.  WR 121 English Composition  WR 122 English Composition	
7.C. Demonstrate appropriate reasoning in response to complex issues	80% of students will earn a "C" or higher 60% of students will earn a "B" or higher	Summer  WR 121 English Composition  WR 122 English Composition  Fall  FN 225 Nutrition  PHL 201 Being and Knowing  WR 121 English Composition  WR 122 English Composition  WR 122 English Composition  Winter  FN 225 Nutrition  TA 274 Theatre History WR 121 English  Composition  WR 122 English Composition  Spring  PHL 204 Philosophy of Religion	70.76% of students received a B or better and 86.86% received a C or better. Target met, no changes recommended.
		WR 121 English Composition WR 122 English Composition	

8.A. Formulate a problem statement		80% of students will	Summor	70.52% of students received a B
8.A. Formulate a problem statement	•	earn a "C" or higher	Summer   WR 115 Intro. to Expository Writing	or better and 87.77% received a B
		60% of students will	WR 121 English Composition	or better. Target met, no change
		earn a "B" or higher	WR 122 English Composition	recommended.
			<u>Fall</u>	
			WR 115 Intro. to Expository Writing	
			WR 121 English Composition	
			WR 122 English Composition	
			Winter	
			WR 115 Intro. to Expository Writing WR 121 English Composition	
			WR 122 English Composition	
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			Spring	
			WR 115 Intro. to Expository Writing WR 121 English Composition	
			WR 122 English Composition	
			WR 227 Technical & Professional Writing	
8.B. Determine the nature and extent of the	•	80% of students will	Summer	72.88% of students received a B
information needed to address the problem		earn a "C" or higher	WR 121 English Composition	or better and 87.62% received a
	•	60% of students will	WR 122 English Composition	or better. Target met, no change
		earn a "B" or higher	Fall	recommended.
			FN 225 Nutrition	
			WR 121 English Composition	
			WR 122 English Composition	
			<u>Winter</u>	
			FN 225 Nutrition	
			WR 121 English Composition	
			WR 122 English Composition	
			Spring	
			WR 121 English Composition	
			WR 122 English Composition	

8.C Access relevant information effectively and efficiently	80% of students will earn a "C" or higher     60% of students will earn a "B" or higher	Summer  WR 121 English Composition  WR 122 English Composition  Fall  BA 224 Human Resource Management FN 225 Nutrition  WR 121 English Composition  WR 122 English Composition  Winter  BA 131 Computers in Business FN 225 Nutrition  WR 121 English Composition  WR 122 English Composition  WR 122 English Composition  WR 122 English Composition  WR 122 English Composition  Spring  BA 205 Solving Com Problems  w/Technology  BA 280 Cooperative Ed: Business Exp  WR 121 English Composition  WR 122 English Composition  WR 122 English Composition	72.54% of students received a B or better and 88.09% received a C or better. Target met, no changes recommended.
8.D. Evaluate information and its source critically	80% of students will earn a "C" or higher     60% of students will earn a "B" or higher	Summer COMM 111 Public Speaking WR 121 English Composition WR 122 English Composition  Fall CH 104 Allied Health Chemistry I COMM 111 Public Speaking FN 225 Nutrition WR 121 English Composition WR 122 English Composition WR 122 English Composition  Winter CH 121 General Chemistry I CH 122 General Chemistry II COMM 111 Public Speaking FN 225 Nutrition	71.91% of students received a B or better and 88.31% received a C or better. Target met, no changes recommended.

		WR 121 English Composition WR 122 English Composition  Spring CH 122 General Chemistry II CH 123 General Chemistry III WR 121 English Composition WR 122 English Composition	
8.E. Understand many of the economic, legal, and social issues surrounding the use of information	<ul> <li>80% of students will earn a "C" or higher</li> <li>60% of students will earn a "B" or higher</li> </ul>	Summer WR 121 English Composition WR 122 English Composition  Fall WR 121 English Composition WR 122 English Composition Winter WR 121 English Composition WR 122 English Composition WR 122 English Composition WR 122 English Composition WR 122 English Composition WR 121 English Composition WR 122 English Composition WR 122 English Composition WR 122 English Composition WR 122 English Composition	70.99% of students received a B or better and 87.58% received a C or better. Target met, no changes recommended.

# Analysis:

1. Describe assessment results.

All outcome targets were met and by the curriculum the college teaches.

2. Describe any changes that were implemented from the previous assessment. Include the effect that these changes had on students' attainment of degree, certificate or program outcomes.

Courses were identified which met the criteria for outcome 8C. Students were determined to have met that outcome successfully through data from a series of Writing courses.

3. Identify any changes that should, as a result of this assessment, be implemented towards improving students' attainment of degree, certificate, or program outcomes.

Based on this assessment, no changes are warranted.

4. Describe your plan for implementation of any changes.

Re-evaluate courses at spring in-service. If no courses are deemed to meet outcome 8E after re-evaluation. **Not applicable.** 

### 5. Departmental faculty involvement.

Departmental chairs in the General Education disciplines meet annually to assess results of courses determined to have met the required outcomes.

## 6. Evaluate the assessment strategy:

The assessment courses, tools and strategy seem to be working well for most individual outcomes., but the strategy for assessment probably is inadequate for assessing the program as a whole.

#### 7. Additional Comments:

As structured, the courses in the gen ed program are meeting the outcomes as stated for this degree. However, as a whole, the gen ed program lacks coherence and consistency. Students take a wide variety of courses and do not have a unified, coherent shared experience in the gen ed program. Devising a more coherent program would probably produce a useful experience for students that would serve them better and more directly after graduation. In addition, there seems to have been some rather significant grade inflation in outcome 6B which warrants investigation by the department chair.