

2014-15 AAOT Plan and Analysis for Outcome Assessment

Degree or Certificate: 2014-2015

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	5. Program Assessment and Recommendations
1. Arts & Letters: As a result of taking General Education Arts & Letters* courses, a student should be able to:				
<p>1.A. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life</p>	<ul style="list-style-type: none"> • 80% of students will earn a "C" or higher • 60% of students will earn a "B" or higher 	<p><u>Summer</u> 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)</p> <p><u>Fall</u> 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 104 Intro to Literature (Fiction) ENG 260 Intro to Women Writers MUS 105 Music Appreciation MUS 110 Fundamentals of Music TA 101 Theatre Appreciation TA 141 Fundamentals of Acting Principles TA 142 Fundamentals of Acting Principles</p> <p><u>Winter</u> ART 231 Drawing CH 121 General Chemistry I CH 122 General Chemistry II ENG 104 Intro to Literature (Fiction)</p>	<p>Analysis by general education departments will take place in 2015-16.</p>	<p>89.47% of students received a C or better and 79.44 received a B or better. Targets met. No changes recommended.</p>

		<p>ENG 105 Intro to Literature (Drama) ENG 253 Survey of American Literature ENG 252 Images of Women in Literature</p> <p>Spring 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 122 General Chemistry II CH 123 General Chemistry III ENG 105 Intro to Literature (Drama) ENG 106 Intro to Literature (Poetry) ENG 250 Intro to Folklore and Mythology ENG 254 Survey of American Literature ESR 173 Env. Science: Geol Persp MUS 110 Fundamentals of Music</p>		
<p>1.B. Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues</p>	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will earn a "B" or higher 	<p>Summer CH 106 Allied Health Chemistry III</p> <p>Fall CH 104 Allied Health Chemistry I</p> <p>Winter CH 121 General Chemistry I CH 122 General Chemistry II PHL 202 Ethics PSY 202A Intro to Psychology – Part 2 TA 274 Theatre History</p> <p>Spring CH 122 General Chemistry II CH 123 General Chemistry III</p>	<p>Analysis by general education departments will take place in 2015-16.</p>	<p>74.88% of students received a B or better and 87.91% received a C or better. Target met, no changes recommended.</p>

		PHL 204 Philosophy of Religion		
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	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will earn a "B" or higher 	<p>Summer</p> <p>Fall</p> <p>HST 101 Western Civ: Ancient to Medieval</p> <p>HST 201 History of the United States I</p> <p>JPN 101 1st Year Japanese – 1st term</p> <p>JPN 201 2nd Year Japanese – 1st term</p> <p>PHL 201 Being and Knowing</p> <p>PSY 215 Human Development</p> <p>MUS 105 Music Appreciation</p> <p>SPA 101 1st Year Spanish – 1st term</p> <p>SPA 201 2nd Year Spanish – 1st term</p> <p>TA 101 Theatre Appreciation</p> <p>Winter</p> <p>COMM 237 Gender and Communication</p> <p>HST 102 Western Civ.: Medieval to Modern</p> <p>HST 202 History of the United States II</p> <p>JPN 102 1st Year Japanese – 2nd term</p> <p>JPN 202 2nd Year Japanese – 2nd term</p> <p>SPA 102 1st Year Spanish – 2nd term</p> <p>SPA 202 2nd Year Spanish – 2nd term</p> <p>TA 274 Theatre History</p> <p>Spring</p> <p>HST 103 Western Civ: Modern Europe</p> <p>JPN 103 1st Year Japanese – 3rd term</p> <p>JPN 203 2nd Year Japanese – 3rd term</p>	Analysis by general education departments will take place in 2015-16.	92.67% of student received a C or better and 77.51% received a B or better. Targets met. No changes recommended

		PSY 202A Intro to Psychology – Part 2 SPA 103 1 st Year Spanish – 3 rd term SPA 203 2 nd Year Spanish – 3 rd term		
3. Mathematics: As a result of taking General Education Mathematics courses, a student should be able to:				
3.A. Use appropriate mathematics to solve problems	<ul style="list-style-type: none"> 80% of students will earn a “C” or higher 60% of students will earn a “B” or higher 	<p>Summer</p> CH 106 Allied Health Chemistry III MTH 95 Intermediate Algebra MTH 111 College Algebra	Analysis by general education departments will take place in 2015-16.	87.84% of students received a C or better and 72.29% received a B or better. Targets met. No changes recommended
		<p>Fall</p> 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		
		<p>Winter</p> CH 121 General Chemistry I CH 122 General Chemistry II EC 201 Prin. of Econ: Microeconomics ESR 172 Env. Science: Chemical Perspectives FN 225 Nutrition MTH 95 Intermediate Algebra MTH 111 College Algebra MTH 243 Statistics I MTH 252 Calculus II		
		<p>Spring</p> 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		
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	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will earn a "B" or higher 	<p>Summer CH 106 Allied Health Chemistry III MTH 95 Intermediate Algebra MTH 111 College Algebra</p> <p>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</p> <p>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</p> <p>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</p>	Analysis by general education departments will take place in 2015-16.	87.69% of students received a C or better and 72.38% received a B or better. Targets 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 scientific and technical	<ul style="list-style-type: none"> 80% of students will 	<p>Summer CH 106 Allied Health Chemistry III</p>	Analysis by general education departments	90.74% of students received a C or better and

<p>information in order to explore ideas, models, and solutions and generate further questions</p>	<p>earn a "C" or higher</p> <ul style="list-style-type: none"> 60% of students will earn a "B" or higher 	<p>MTH 111 College Algebra</p> <p>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</p> <p>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</p> <p>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</p>	<p>will take place in 2015-16.</p>	<p>76.98% received a B or better. Targets met. No changes recommended.</p>
<p>4.B. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner</p>	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will 	<p>Summer CH 106 Allied Health Chemistry III</p> <p>Fall BI211 Principles of Biology</p>	<p>Analysis by general education departments will take place in 2015-16.</p>	<p>85.32% of students received a C or better and 71.03 received a B or better. Targets met. No changes recommended.</p>

	earn a "B" or higher	<p>CH 104 Allied Health Chemistry I ESR 171 Env. Science: Biological Perspectives FN 225 Nutrition PSY 215 Human Development</p> <p>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</p> <p>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</p>		
4.C. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will earn a "B" or higher 	<p>Summer CH 106 Allied Health Chemistry III PSY 239 Intro to Abnormal Psychology</p> <p>Fall BI 211 Principles of Biology CH 104 Allied Health Chemistry I FN 225 Nutrition</p> <p>Winter BI211 Principles of Biology BI212 Principles of Biology</p>	Analysis by general education departments will take place in 2015-16.	86.34% of students received a C or better and 71.43% received a B or better. Targets met. No changes recommended.

		CH 121 General Chemistry I CH 122 General Chemistry II ESR 172 Env. Science: Chemical Perspectives FN 225 Nutrition <u>Spring</u> BI212 Principles of Biology BI213 Principles of Biology CH 122 General Chemistry II CH 123 General Chemistry III		
5. Social Science: As a result of taking General Education Social Science courses, a student should be able to:				
5.A. Apply analytical skills to social phenomena in order to understand human behavior	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will earn a "B" or higher 	<u>Summer</u> PSY 239 Intro. to Abnormal Psychology <u>Fall</u> 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 <u>Winter</u> 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	Analysis by general education departments will take place in 2015-16.	88.52% of students received a C or better and 71.6% received a B or better. Targets met. No changes recommended

		<p>Spring HST 103 Western Civ: Modern Europe HST 203 History of the United States III PHL 204 Philosophy of Religion PS 202 US Government: Institutions & Pol PSY 202A Intro to Psychology – Part 2</p>		
<p>5.B. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live</p>	<ul style="list-style-type: none"> • 80% of students will earn a “C” or higher • 60% of students will earn a “B” or higher 	<p>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</p> <p>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</p>	<p>Analysis by general education departments will take place in 2015-16.</p>	<p>88.06% of students received a C or better and 72.26% received a B or better. Targets met. No changes recommended.</p>

		<p>Spring HST 103 Western Civ: Modern Europe HST 203 History of the United States III PHL 204 Philosophy of Religion PS 202 US Government: Institutions & Pol PSY 202A Intro to Psychology – Part 2</p>		
6. Speech/Oral Communication: As a result of taking General Education Speech/Oral Communication courses, a student should be able to:				
6.A. Engage in ethical communication processes that accomplish goals	<ul style="list-style-type: none"> 80% of students will earn a “C” or higher 60% of students will earn a “B” or higher 	<p>Summer COMM 111 Public Speaking</p> <p>Fall BA 224 Human Resource Management COMM 111 Public Speaking COMM 215 Small Group Communication ESR 171 Env. Science: Biological Perspectives FN 225 Nutrition</p> <p>Winter COMM 111 Public Speaking COMM 140 Intro to Intercultural Comm COMM 237 Gender and Communication ESR 172 Env. Science: Chemical Perspectives FN 225 Nutrition</p> <p>Spring BA 205 Solving Com Problems w/Technology ESR 173 Env. Science: Geological Perspective</p>	Analysis by general education departments will take place in 2015-16.	90.17% of students received a C or better and 80.34% received a B or better. Targets met. No changes recommended.

<p>6.B. Respond to the needs of diverse audiences and contexts</p>	<ul style="list-style-type: none"> • 80% of students will earn a “C” or higher • 60% of students will earn a “B” or higher 	<p><u>Summer</u> COMM 111 Public Speaking</p> <p><u>Fall</u> COMM 111 Public Speaking COMM 215 Small Group Communication</p> <p><u>Winter</u> COMM 111 Public Speaking COMM 140 Intro to Intercultural Comm COMM 237 Gender and Communication</p> <p><u>Spring</u> BA 205 Solving Com Problems w/Technology</p>	<p>Analysis by general education departments will take place in 2015-16.</p>	<p>91.03% of students received a C or better and 82.07% received a B or better. Targets met. No changes recommended.</p>
<p>6.C. Build and manage relationships</p>	<ul style="list-style-type: none"> • 80% of students will earn a “C” or higher • 60% of students will earn a “B” or higher 	<p><u>Summer</u> CH 106 Allied Health Chemistry III</p> <p><u>Fall</u> CH 104 Allied Health Chemistry I COMM 215 Small Group Communication TA 141 Fundamentals of Acting TA 142 Fundamentals of Acting</p> <p><u>Winter</u> CH 121 General Chemistry I CH 122 General Chemistry II COMM 140 Intro to Intercultural Comm COMM 237 Gender and Communication</p> <p><u>Spring</u> CH 122 General Chemistry II CH 123 General Chemistry III COMM 214 Interpersonal Communication</p>	<p>Analysis by general education departments will take place in 2015-16.</p>	<p>87.21% of students received a C or better and 70.35% received a B or better. Targets met. No changes recommended.</p>

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 style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will earn a "B" or higher 	<p><u>Summer</u> CH 106 Allied Health Chemistry III PSY 239 Intro to Abnormal Psychology WR 121 English Composition WR 122 English Composition</p> <p><u>Fall</u> 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</p> <p><u>Winter</u> 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</p>	Analysis by general education departments will take place in 2015-16.	86.12% of students received a C or better and 65.78% received a B or better. Targets met. No changes recommended.

		<p>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</p>		
7.B. Locate, evaluate, and ethically utilize information to communicate effectively	<ul style="list-style-type: none"> 80% of students will earn a “C” or higher 60% of students will earn a “B” or higher 	<p>Summer WR 121 English Composition WR 122 English Composition</p> <p>Fall MUS 105 Music Appreciation WR 121 English Composition WR 122 English Composition</p> <p>Winter BA 131 Computers in Business TA 274 Theatre History WR 121 English Composition WR 122 English Composition</p> <p>Spring BA 280 Cooperative Ed: Business Exp. WR 121 English Composition WR 122 English Composition</p>	Analysis by general education departments will take place in 2015-16.	88.33% of students received a C or better and 69.78 received a B or better. Targets met. No changes recommended.
7.C. Demonstrate appropriate reasoning in response to complex issues	<ul style="list-style-type: none"> 80% of students will earn a “C” or higher 60% of students will earn a “B” or higher 	<p>Summer WR 121 English Composition WR 122 English Composition</p> <p>Fall FN 225 Nutrition PHL 201 Being and Knowing</p>	Analysis by general education departments will take place in 2015-16.	87.64% of students received a C or better and 68.91% received a B or better. Targets met. No changes recommended.

	higher	WR 121 English Composition WR 122 English Composition <u>Winter</u> FN 225 Nutrition TA 274 Theatre History WR 121 English Composition WR 122 English Composition <u>Spring</u> PHL 204 Philosophy of Religion WR 121 English Composition WR 122 English Composition		
8. Information Literacy: As a result of taking General Education Writing courses infused with Information Literacy, a student who successfully completes should be able to:				
8.A. Formulate a problem statement	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will earn a "B" or higher 	<u>Summer</u> WR 115 Intro. to Expository Writing WR 121 English Composition WR 122 English Composition <u>Fall</u> WR 115 Intro. to Expository Writing WR 121 English Composition WR 122 English Composition <u>Winter</u> WR 115 Intro. to Expository Writing WR 121 English Composition WR 122 English Composition <u>Spring</u> WR 115 Intro. to Expository Writing WR 121 English Composition WR 122 English Composition WR 227 Technical & Professional Writing	Analysis by general education departments will take place in 2015-16.	86.97% of students received a C or better and 66.97% of students received a B or better. Targets met. No changes recommended.
8.B. Determine the nature and extent of the information needed to address the problem	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 	<u>Summer</u> WR 121 English Composition WR 122 English Composition	Analysis by general education departments will take place in 2015-16.	87.57% of students received a C or better and 66.58% received a B or better. Targets met. No

	<ul style="list-style-type: none"> 60% of students will earn a "B" or higher 	<p>Fall FN 225 Nutrition WR 121 English Composition WR 122 English Composition</p> <p>Winter FN 225 Nutrition WR 121 English Composition WR 122 English Composition</p> <p>Spring WR 121 English Composition WR 122 English Composition</p>		changes recommended.
8.C Access relevant information effectively and efficiently	<ul style="list-style-type: none"> 80% of students will earn a "C" or higher 60% of students will earn a "B" or higher 	<p>Summer WR 121 English Composition WR 122 English Composition</p> <p>Fall BA 224 Human Resource Management FN 225 Nutrition WR 121 English Composition WR 122 English Composition</p> <p>Winter BA 131 Computers in Business FN 225 Nutrition WR 121 English Composition WR 122 English Composition</p> <p>Spring BA 205 Solving Com Problems w/Technology BA 280 Cooperative Ed: Business Exp WR 121 English Composition WR 122 English Composition</p>	Analysis by general education departments will take place in 2015-16.	88.43% of students received a C or better and 70.4% received a B or better. Targets met. No changes recommended.
8.D. Evaluate information and its source critically	<ul style="list-style-type: none"> 80% of students will earn a "C" or 	<p>Summer CH 106 Allied Health Chemistry III COMM 111 Public Speaking</p>	Analysis by general education departments will take place in 2015-16.	87.34% of students received a C or better and 69.37% received a B or

	<p>higher</p> <ul style="list-style-type: none"> 60% of students will earn a "B" or higher 	<p>WR 121 English Composition WR 122 English Composition</p> <p>Fall CH 104 Allied Health Chemistry I COMM 111 Public Speaking FN 225 Nutrition WR 121 English Composition WR 122 English Composition</p> <p>Winter CH 121 General Chemistry I CH 122 General Chemistry II COMM 111 Public Speaking FN 225 Nutrition WR 121 English Composition WR 122 English Composition</p> <p>Spring CH 122 General Chemistry II CH 123 General Chemistry III WR 121 English Composition WR 122 English Composition</p>		<p>better. Targets met. No changes recommended.</p>
<p>8.E. Understand many of the economic, legal, and social issues surrounding the use of information</p>		<p>Summer</p> <p>Fall</p> <p>Winter</p> <p>Spring</p>		<p>No courses were deemed to meet this outcome. No data with which to measure student success. Recommend reevaluation of courses to determine whether outcome is actually met. If not, recommend institution of a new institution-wide requirement for a course in information literacy.</p>

Analysis:

1. Describe assessment results.

All outcome targets with one exception were met and by the curriculum the college teaches. No data received for outcome 8E.

Updated: 11/18/2015

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.

Not applicable.

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

No courses were deemed to meet outcome 8E. Recommend reevaluation of courses to determine whether outcome is actually met. If not, recommend institution of a new institution-wide requirement for a course in information literacy.

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. Recommend creation of new information literacy course or reactivation of previous information literacy class college-wide in order to meet the required outcome.

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 outcomes. Courses for outcome 8E needed to reassessed.

7. Additional comments.

Submitted by: John Copp, Tim Schell, John Evans, Dan Ropek, and Joel Kabokov

Date: November 13, 2015

Plans to be submitted to Academic Assessment Coordinator (kkane@cgcc.edu) by Nov 15 of academic year being assessed
Assessment and Analysis to be submitted to Academic Assessment Coordinator (kkane@cgcc.edu) by Nov 15 the following academic year being assessed

Updated: 11/18/2015