

**Associate in Arts Program / Learning
Outcomes Table**

Hillsborough Community College

Associate in Arts Program/Learning Outcomes

June 2006

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results												
<p>Students who complete the HCC general education core curriculum should be able to demonstrate:</p> <p>1: their ability to think critically</p>	<p>ETS Test of General Education</p>	<p>Results include a comparison with the national comparison group (students at associate's colleges who have earned 30 to 60 semester hours). MAPP associates reading results with critical thinking results.</p> <p>Results indicate the following for</p> <ul style="list-style-type: none"> • Critical thinking: <ul style="list-style-type: none"> ◦ 3% each of HCC and national group scored "proficient" ◦ 63% of HCC vs 86% of the national group scored "not proficient." • Reading 1 - 71% of HCC scored "proficient" versus 64% of the national group. • Reading 2 – 46% of HCC scored "proficient" versus 29% of the national group. 	<p>Results have been shared with the General Education Committee and the General Education Assessment Committee to develop strategies directed towards improved critical thinking and reading skills.</p> <p>The HCC cohort scored higher than the national comparison group; however, the goal is to achieve a higher percentage of students who are proficient in critical thinking and higher-level reading skills and to include a larger group of students who take the MAPP test.</p>												
	<p><u>Transfer Performance</u></p> <p>AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)</p>	<p><u>2004 State Accountability/Summary of HCC Performance – M2</u></p> <p>Results from 02, 03, 04 indicate that transfer GPA for the AA program graduates is increasing in the SUS:</p> <p>AA Transfer GPA > 2.4</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>2002</th> <th>2003</th> <th>2004</th> </tr> </thead> <tbody> <tr> <td>% > 2.4</td> <td>68.3</td> <td>69.4</td> <td>73.2</td> </tr> <tr> <td>GPA</td> <td>2.80</td> <td>2.80</td> <td>2.89</td> </tr> </tbody> </table>		2002	2003	2004	% > 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89	<p>The College goal is to achieve at least 70% of HCC graduates with a GPA greater than 2.4. This measure indicates that HCC AA graduates have attained that goal.</p>
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	<p><u>Connections Rubric</u></p>	<p>Pilot applications: Spring 2005: 60% (60 total cohort) received a score of excellent; Summer 2005: 80% (25 total cohort) received a score of excellent.</p> <p>Fall 2005: 443 students in 19 sections evaluated against this outcome - average score of 3.72</p> <p>Spring 2006: 516 students in 18 sections evaluated against this outcome - average score of 3.91</p>	<p>Pilot application of rubric provided support to apply it for all sections in 2005-2006.</p> <p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Faculty are identifying additional strategies.</p> <p>Spring 2006: Suggested performance goal is 3.80. Performance exceeded goal. Results shared with faculty.</p>																																				

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Program Learning Outcomes			
Students who complete the HCC general education core curriculum should be able to demonstrate:			
1: their ability to think critically	Course-level performance – data showing average success grades (ABC) for three years for courses that also have been identified as emphasizing this outcome.	Course level assessment table	Phase I in refining course-level assessments. Courses that emphasize this measure that have a low percentage of ABCs should be assessed for how this outcome is delivered and assessed at the course level.
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 1, Outcome 1.b. think critically, showing original thought	Connections Rubric	Fall 2005: 247 students in 10 sections evaluated against this outcome – average score of 3.65.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
		Spring 2006: 359 students in 12 sections evaluated against this outcome – average score of 3.56.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 continues to need to work with this outcome to improve performance.
Cluster 1, Outcome 1.c. synthesize and integrate information	Connections Rubric	Fall 2005: 192 students in 8 sections evaluated against this outcome – average score of 3.71.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
		Spring 2006: 359 students in 12 sections evaluated against this outcome – average score of 3.57.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 continues to need to work with this outcome to improve performance.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 1, Outcome 1.d. read critically	Connections Rubric	Fall 2005: 212 students in 8 sections evaluated against this outcome – average score of 3.70.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
		Spring 2006: 330 students in 11 sections evaluated against this outcome – average score of 3.55.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.g. apply the precepts of logic	Connections Rubric	Fall 2005: 90 students in 3 sections evaluated against this outcome – average score of 3.39.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
		Spring 2006: 262 students in 8 sections evaluated against this outcome – average score of 3.52.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
Cluster 2, Outcome 2.a., evaluate the various humanities and show their inter-relationships	Connections Rubric	Fall 2005: 116 students in 4 sections evaluated against this outcome – average score of 3.93.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeded goal.
		Spring 2006: 97 students in 3 sections evaluated against this outcome – average score of 3.56.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance dropped from prior term – Cluster 2 will review strategies to improve critical thinking skills.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Cluster 3, Outcome 3.c. utilize logical reasoning and critical thinking skills in analyzing mathematical problems and models	<i>Connections</i> Rubric	Fall 2005: 21 students in 1 section evaluated against this outcome – average score of 2.62.	Fall 2005: Suggested performance goal is 3.00. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings. Cluster 3 to evaluate learning strategies/curriculum.
		Spring 2006: 29 students in 1 section evaluated against this outcome – average score of 3.31.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings. Cluster 3 to evaluate learning strategies/curriculum.
Cluster 4, Outcome 4.a., utilize logical reasoning and critical thinking skills in analyzing scientific problems and models.	<i>Connections</i> Rubric	Fall 2005: 8 students in 1 section evaluated against this outcome – average score of 4.75.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings.
		Spring 2006: 23 students in 1 section evaluated against this outcome – average score of 3.25.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results	
<p>Related Cluster Outcomes: Students will demonstrate the ability to</p>	<p>Cluster 5, Outcome 5.e. discuss some of the future challenges faced by societies and individuals as we enter the new millennium</p>	<p><i>Connections</i> Rubric</p>	<p>Fall 2005: 305 students in 13 sections evaluated against this outcome – average score of 3.66.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 5 to evaluate learning strategies/curriculum</p>
			<p>Spring 2006: 209 students in 6 sections evaluated against this outcome – average score of 4.02.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>
			<p>Fall 2005: 90 students in 3 sections evaluated against this outcome – average score of 3.61.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum</p>
<p>Cluster 6, Outcome 6.a. evaluate the causes of past events and relate them to problems and issues of today.</p>	<p><i>Connections</i> Rubric</p>	<p>Spring 2006: 121 students in 4 sections evaluated against this outcome – average score of 3.51.</p>	<p>Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum</p>	

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Program Learning Outcomes			
Students who complete the HCC general education core curriculum should be able to demonstrate:			
<p>2: their ability to express themselves clearly in written and oral communication</p>	<p>ETS Test of General Education</p> <p>CLAST English Usage and Essay Passing Rates (State Accountability Outcome Measure 5)</p>	<p>Results include a comparison with the national comparison group (students at associate's colleges who have earned 30 to 60 semester hours). MAPP includes three levels of writing proficiency.</p> <p>Results indicate the following for</p> <ul style="list-style-type: none"> • Writing 1 – 69% of HCC scored “proficient” versus 62% of the national group. • Writing 2 - 14% of HCC scored “proficient” versus 13% of the national group. • Writing 3 – 9% of HCC scored “proficient” versus 6% of the national group. <p>2004 State Accountability/Summary of HCC Performance – M5 As of 2003 (last available data), 93% of all students are passing the CLAST.</p>	<p>Results have been shared with the General Education Committee and the General Education Assessment Committee to develop strategies directed towards improved writing skills.</p> <p>The HCC cohort scored higher than the national comparison group; however, proficiency dropped as the writing skill level requirements increased. The goal is to achieve a higher percentage of students who are proficient in higher-level writing skills and to include a larger group of students who take the MAPP test.</p> <p>No action considered necessary at this time directly related to this assessment; however, the College has multiple strategies to increase student success in reading and writing – particularly at the remedial levels. These include supplemental instruction, writing labs, tutors, and the requirement to take SLS 1501 <i>College Success</i>.</p>

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Students who complete the HCC general education core curriculum should be able to demonstrate:															
2: their ability to express themselves clearly in written and oral communication	<p><u>Transfer Performance</u></p> <p>AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)</p>	<p><u>2004 State Accountability/Summary of HCC Performance – M2</u></p> <p>Results from 02, 03, 04 indicate that transfer GPA for the AA program graduates is increasing in the SUS:</p> <p>AA Transfer GPA > 2.4</p> <table border="1" data-bbox="987 1276 1077 1520"> <thead> <tr> <th></th> <th>2002</th> <th>2003</th> <th>2004</th> </tr> </thead> <tbody> <tr> <td>% > 2.4</td> <td>68.3</td> <td>69.4</td> <td>73.2</td> </tr> <tr> <td>GPA</td> <td>2.80</td> <td>2.80</td> <td>2.89</td> </tr> </tbody> </table>		2002	2003	2004	% > 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89	<p>The College goal is to achieve at least 70% of HCC graduates with a GPA greater than 2.4. This measure indicates that HCC AA graduates have attained that goal.</p>
	2002	2003	2004												
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Level I Data Display (see the complete data report for #s of students, GPA greater than or equal to 3.0, GPA 2.0 or less, and other information).	<p>HCC graduates' performance in the SUS is compared against students who are native to the SUS. In the discipline groupings dealing most directly with critical thinking skills, 2003-2004 cumulative GPA results follow:</p> <p>HCC NSUS</p> <p>Comm: 2.88 3.17 Letters: 2.96 2.98 Liberal: 2.91 2.96 Studies</p>	<p>For the discipline groupings with HCC cumulative GPAs that are more than 10 points below the NSUS GPA, potential causes should be investigated. Student performance and teaching/learning strategies in this area should be reviewed.</p>													
Connections Rubric	<p>Pilot Application: Spring 2005: 100% (60 total cohort) received a score of excellent. Summer 2005: 86.7% (25 total cohort) received a score of excellent.</p>	<p>Pilot application of rubric provided support to apply it for all sections in 2005-2006.</p>													
	<p>Fall 2005: 437 students in 19 sections evaluated against this outcome – average score of 3.95.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>													
	<p>Spring 2006: 517 students in 18 sections evaluated against this outcome – average score of 3.84.</p>	<p>Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>													

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Program Learning Outcomes			
Students who complete the HCC general education core curriculum should be able to demonstrate:			
2: their ability to express themselves clearly in written and oral communication	Course-level performance – data showing average success grades (ABC) for three years for courses that also have been identified as emphasizing this outcome.	Course level assessment table	Phase I in refining course-level assessments. Courses that emphasize this measure that have a low percentage of ABCs should be assessed for how this outcome is delivered and assessed at the course level.
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 1, Outcome 1.a. communicate in standard American English, both in speech and in writing	Connections Rubric	Fall 2005: 215 students in 9 sections evaluated against this outcome – average score of 3.73.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
		Spring 2006: 168 students in 12 sections evaluated against this outcome – average score of 3.49.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.c. synthesize and integrate information	Connections Rubric	Fall 2005: 192 students in 8 sections evaluated against this outcome – average score of 3.71.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
		Spring 2006: 359 students in 12 sections evaluated against this outcome – average score of 3.57.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.e. organize a task and follow through to completion	Connections Rubric	Fall 2005: 171 students in 7 sections evaluated against this outcome – average score of 4.20.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 272 students in 14 sections evaluated against this outcome – average score of 3.96.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.

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Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 1, Outcome 1.g. apply the precepts of logic	Connections Rubric	Fall 2005: 90 students in 3 sections evaluated against this outcome – average score of 3.39.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
		Spring 2006: 262 students in 8 sections evaluated against this outcome – average score of 3.52.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.h. attend, participate, and contribute to group sessions	Connections Rubric	Fall 2005: 116 students in 5 sections evaluated against this outcome – average score of 3.76.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum.
		Spring 2006: 205 students in 7 sections evaluated against this outcome – average score of 3.93.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
Cluster 2, Outcome 2.d. communicate an understanding of the terminology, concepts and key personalities in the various humanities	Connections Rubric	Fall 2005: 130 students in 5 sections evaluated against this outcome – average score of 3.97.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 77 students in 2 sections evaluated against this outcome – average score of 3.10.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 2 to evaluate learning strategies/curriculum.
Cluster 2, Outcome 2.e. discuss some of the key factors affecting relationships among cultures and evaluate their relative efficacy.	Connections Rubric	Fall 2005: 68 students in 3 sections were evaluated against this outcome – average score of 3.65.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 2 to evaluate learning strategies/curriculum.
		Spring 2006: 0 sections used this outcome.	Spring 2006: Suggested performance goal is 3.80. More students need to be evaluated against this outcome.

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Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 3, Outcome 3.b. recognize and use the words and symbols of mathematics	Connections Rubric	Fall 2005: 0 sections used this outcome.	Fall 2005: Cluster 3 needs to provide instructors willing to teaching <i>Connections</i> sections
		Spring 2006: 0 sections used this outcome.	Spring 2006: Cluster 3 needs to provide instructors willing to teaching <i>Connections</i> sections
Cluster 5, Outcome 5.a. communicate an understanding of the vocabulary, concepts, key personalities, and contributions of various approaches to the study of human behavior in the behavioral sciences	Connections Rubric	Fall 2005: 131 students in 5 sections evaluated against this outcome – average score of 4.23.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
		Spring 2006: 209 students in 6 sections evaluated against this outcome – average score of 3.94.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
		Fall 2005: 275 students in 12 sections evaluated against this outcome – average score of 3.95.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
Cluster 5, Outcome 5.b. communicate an understanding of the relative contributions of biological and environmental factors affecting human behavior.	Connections Rubric	Spring 2006: 219 students in 6 sections evaluated against this outcome – average score of 4.02.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
			Performance exceeds goal.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Program Learning Outcomes			
<p>Students who complete the HCC general education core curriculum should be able to demonstrate:</p> <p>3: their ability to express themselves effectively in quantitative terms.</p>	<p>ETS Test of General Education</p>	<p>Results include a comparison with the national comparison group (students at associate's colleges who have earned 30 to 60 semester hours). MAPP includes three levels of math proficiency.</p> <p>Results indicate the following for</p> <ul style="list-style-type: none"> • Math 1 – 57% of HCC scored "proficient" versus 48% of the national group. • Math 2 - 31% of HCC scored "proficient" versus 20% of the national group. • Math 3 – 6% of HCC scored "proficient" versus 4% of the national group. 	<p>Results have been shared with the General Education Committee and the General Education Assessment Committee to develop strategies directed towards improved math skills.</p> <p>The HCC cohort scored higher than the national comparison group; however, proficiency dropped as the math skill level requirements increased. The goal is to achieve a higher percentage of students who are proficient in higher-level math skills and to include a larger group of students who take the MAPP test.</p>
	<p>CLAST Computational Passing Rates</p>	<p><u>2004 State Accountability/Summary of HCC Performance - M5</u> As of 2003 (last available data), 93% of all students are passing the CLAST.</p>	<p>No action considered necessary at this time directly related to this assessment; however, the College has embarked upon multiple strategies intended to increase student success in reading and writing – particularly at the remedial levels. These include supplemental instruction, writing labs, tutors, and the requirement to take SLS 1501 <i>College Success</i>.</p>

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Program Learning Outcomes			
Students who complete the HCC general education core curriculum should be able to demonstrate:			
3: their ability to express themselves effectively in quantitative terms.	Connections Rubric	Pilot Application: No data available for spring or summer 2005 terms.	Pilot application of rubric provided support to apply it for all sections in 2005-2006. Need more sections that include math/science outcomes.
		Fall 2005: 101 students in 5 sections were evaluated against this outcome – average score of 3.94.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 325 students were evaluated in 11 sections against this outcome – average score of 4.11.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
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Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 3, Outcome 3.a. utilize mathematical techniques and procedures in problem-solving activities.	Connections Rubric	Fall 2005: 21 students in 1 section were evaluated against this outcome – average score of 2.62.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings.
		Spring 2006: 29 students in 1 section were evaluated against this outcome – average score of 3.14.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 3, Outcome 3.b. recognize and use the words and symbols of mathematics.	Connections Rubric	Fall 2005: 0 sections used this outcome.	Fall 2005: Cluster 3 needs to provide instructors willing to teaching <i>Connections</i> sections
		Spring 2006: 0 sections used this outcome.	Spring 2006: Cluster 3 needs to provide instructors willing to teaching <i>Connections</i> sections
Cluster 3, Outcome 3.c. utilize logical reasoning and critical thinking skills in analyzing mathematical problems and models.	Connections Rubric	Fall 2005: 21 students in 1 section were evaluated against this outcome – average score of 2.62.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings.
		Spring 2006: 29 students in 1 section were evaluated against this outcome – average score of 3.31.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings.
Cluster 3, Outcome 3.d. comprehend and draw appropriate inferences from numeric data in various forms.	Connections Rubric	Fall 2005: 0 sections used this outcome.	Fall 2005: Cluster 3 needs to provide instructors willing to teaching <i>Connections</i> sections
		Spring 2006: 0 sections used this outcome.	Spring 2006: Cluster 3 needs to provide instructors willing to teaching <i>Connections</i> sections

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Program Learning Outcomes			
<p>Students who complete the HCC general education core curriculum should be able to demonstrate: 4: their understanding of and appreciation for the value and significance of culture</p>	<p>ETS Test of General Education</p> <p><u>Transfer Performance</u> AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)</p>	<p>Results include a comparison with the national comparison group (students at associate's colleges who have earned 30 to 60 semester hours). MAPP provides the mean results for humanities and social sciences – both of which have a relationship with Outcome #4.</p> <p>Results indicate the following for</p> <ul style="list-style-type: none"> • Humanities - the HCC mean score is 117.11; the national mean score is 114.06. • Social Sciences – the HCC mean score is 114.49; the national mean score is 112.75. 	<p>Results have been shared with the General Education Committee and the General Education Assessment Committee to develop strategies directed towards improved performance in humanities and the social sciences.</p> <p>The HCC cohort has a higher mean score than the national comparison group. The goal is to achieve a higher mean score in both the humanities and social sciences categories and to include a larger group of students who take the MAPP test.</p>
			<p>The College goal is to achieve at least 70% of HCC graduates with a GPA greater than 2.4. This measure indicates that HCC AA graduates have attained that goal.</p>

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results															
Program Learning Outcomes																		
Students who complete the HCC general education core curriculum should be able to demonstrate:																		
4: their understanding of and appreciation for the value and significance of culture	<p><u>Transfer Performance</u></p> <p>Level I Data Display (see the complete data report for #s of students, GPA greater than or equal to 3.0, GPA 2.0 or less, and other information).</p>	<p><u>2004 State Accountability/Summary of HCC Performance – M2</u></p> <p>Results from 02, 03, 04 indicate that transfer GPA for the AA program graduates is increasing in the SUS: AA Transfer GPA > 2.4</p> <table border="1" data-bbox="987 1276 1077 1528"> <tr> <td></td> <td>2002</td> <td>2003</td> <td>2004</td> </tr> <tr> <td>% > 2.4</td> <td>68.3</td> <td>69.4</td> <td>73.2</td> </tr> <tr> <td>GPA</td> <td>2.80</td> <td>2.80</td> <td>2.89</td> </tr> </table>		2002	2003	2004	% > 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89	<p>For the discipline groupings with HCC cumulative GPAs that are more than 10 points below the NSUS GPA, potential causes should be investigated. Student performance and teaching/learning strategies in this area should be reviewed.</p>			
	2002	2003	2004															
% > 2.4	68.3	69.4	73.2															
GPA	2.80	2.80	2.89															
	<p>HCC graduates' performance in the State University System (SUS) is compared against students who are native to the SUS. In the discipline groupings dealing most directly with critical thinking skills, 2003-2004 cumulative GPA results follow:</p> <table border="1" data-bbox="525 1276 713 1528"> <tr> <td></td> <td>HCC</td> <td>NSUS</td> </tr> <tr> <td>Liberal Studies</td> <td>2.91</td> <td>2.96</td> </tr> <tr> <td>Psych</td> <td>2.89</td> <td>3.11</td> </tr> <tr> <td>Social Sci</td> <td>2.85</td> <td>2.93</td> </tr> <tr> <td>Visual Arts</td> <td>3.18</td> <td>3.16</td> </tr> </table>		HCC	NSUS	Liberal Studies	2.91	2.96	Psych	2.89	3.11	Social Sci	2.85	2.93	Visual Arts	3.18	3.16	<p><u>2004 State Accountability/Summary of HCC Performance – M2</u></p> <p>Pilot Application: Spring 2005: 100% (60 total cohort) received a score of above average. Summer 2005: 84% (25 total cohort) received a score of excellent.</p>	<p>Pilot application of rubric provided support to apply it for all sections in 2005-2006.</p>
	HCC	NSUS																
Liberal Studies	2.91	2.96																
Psych	2.89	3.11																
Social Sci	2.85	2.93																
Visual Arts	3.18	3.16																
	<p><u>Connections Rubric</u></p>	<p>Fall 2005: 213 students in 9 sections evaluated against this outcome – average score of 4.24.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>															

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Program Learning Outcomes			
Students who complete the HCC general education core curriculum should be able to demonstrate:			
4: their understanding of and appreciation for the value and significance of culture	Connections Rubric	Spring 2006: 440 students in 15 sections evaluated against this outcome – average score of 4.18.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
	Course-level performance – data showing average success grades (ABC) for three years for courses that also have been identified as emphasizing this outcome.	Course level assessment table	Phase I in refining course-level assessments. Courses that emphasize this measure that have a low percentage of ABCs should be assessed for how this outcome is delivered and assessed at the course level.
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 2, Outcome 2.a., evaluate the various humanities and show their inter-relationships	Connections Rubric	Fall 2005: 116 students in 4 sections evaluated against this outcome – average score of 3.93.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 97 students in 3 sections evaluated against this outcome – average score of 3.56.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 2 to evaluate learning strategies/curriculum.
Cluster 2, Outcome 2.b. relate the contributions of the various humanities' diverse populations to societal institutions.	Connections Rubric	Fall 2005: 147 students in 6 sections evaluated against this outcome – average score of 3.90.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 97 students in 3 sections evaluated against this outcome – average score of 3.52.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 2 to evaluate learning strategies/curriculum.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Cluster 2, Outcome 2.e. discuss some of the key factors affecting relationships among cultures and evaluate their relative efficacy.	Connections Rubric	Fall 2005: 68 students in 3 sections evaluated against this outcome – average score of 3.65.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 2 to evaluate learning strategies/curriculum.
		Spring 2006: 20 students in 1 section evaluated against this outcome – average score of 5.00.	Spring 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings.
Cluster 5, Outcome 5.b. communicate an understanding of the relative contributions of biological and environmental factors affecting human behavior.	Connections Rubric	Fall 2005: 275 students in 12 sections evaluated against this outcome – average score of 3.95.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 219 students in 6 sections evaluated against this outcome – average score of 4.02.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
Cluster 5, Outcome 5.c. discuss some of the key factors affecting relationships among cultures and between generations and evaluate their relative efficacy.	Connections Rubric	Fall 2005: 215 students in 10 sections evaluated against this outcome – average score of 3.94.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 219 students in 6 sections evaluated against this outcome – average score of 4.02.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
Cluster 5, Outcome 5.d. describe the impact of technology on individuals, groups, and cultures.	Connections Rubric	Fall 2005: 128 students in 6 sections evaluated against this outcome – average score of 4.38.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 155 students in 5 sections evaluated against this outcome – average score of 4.43.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<p>Related Cluster Outcomes: Students will demonstrate the ability to</p> <p>Cluster 5, Outcome 5.e. discuss some of the future challenges faced by societies and individuals as we enter the new millennium</p>	<p><i>Connections</i> Rubric</p>	<p>Fall 2005: 305 students in 13 sections evaluated against this outcome – average score of 3.66.</p> <p>Spring 2006: 209 students in 6 sections evaluated against this outcome – average score of 4.02.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 5 to evaluate learning strategies/curriculum.</p> <p>Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results												
Program Learning Outcomes															
<p>Students who complete the HCC general education core curriculum should be able to demonstrate:</p> <p>5: the scientific method of inquiry and the historical and contemporary impact of science on daily life</p>	<p>ETS Test of General Education</p> <p><u>Transfer Performance</u></p> <p>AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)</p>	<p>Results include a comparison with the national comparison group (students at associate's colleges who have earned 30 to 60 semester hours). MAPP provides the mean results for the natural sciences and the social sciences - both of which have a relationship with Outcome #5.</p> <p>Results indicate the following for</p> <ul style="list-style-type: none"> • Natural Sciences - the HCC mean score is 115.06; the national mean score is 114.27. • Social Sciences - the HCC mean score is 114.49; the national mean score is 112.75. 	<p>Results have been shared with the General Education Committee and the General Education Assessment Committee to develop strategies directed towards improved performance in the natural and social sciences.</p> <p>The HCC cohort has a higher mean score than the national comparison group. The goal is to achieve a higher mean score in both the natural and social sciences categories and to include a larger group of students who take the MAPP test.</p>												
		<p>2004 State Accountability/Summary of HCC Performance - M2</p> <p>Results from 02, 03, 04 indicate that transfer GPA for the AA program graduates is increasing in the SUS:</p> <p>AA Transfer GPA > 2.4</p> <table border="1" data-bbox="360 1285 447 1535"> <thead> <tr> <th></th> <th>2002</th> <th>2003</th> <th>2004</th> </tr> </thead> <tbody> <tr> <td>% > 2.4</td> <td>68.3</td> <td>69.4</td> <td>73.2</td> </tr> <tr> <td>GPA</td> <td>2.80</td> <td>2.80</td> <td>2.89</td> </tr> </tbody> </table>		2002	2003	2004	% > 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89	<p>The College goal is to achieve at least 70% of HCC graduates with a GPA greater than 2.4. This measure indicates that HCC AA graduates have attained that goal.</p>
	2002	2003	2004												
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AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results																					
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Students who complete the HCC general education core curriculum should be able to demonstrate:																								
5: the scientific method of inquiry and the historical and contemporary impact of science on daily life	<p><u>Transfer Performance</u></p> <p>Level I Data Display (see the complete data report for #'s of students, GPA greater than or equal to 3.0, GPA 2.0 or less, and other information).</p>	<p>HCC graduates' performance in the State University System (SUS) is compared against students who are native to the SUS. In the discipline groupings dealing most directly with critical thinking skills, 2003-2004 cumulative GPA results follow:</p> <table border="0" data-bbox="834 1094 1169 1562"> <tr> <td></td> <td>HCC</td> <td>NSUS</td> </tr> <tr> <td>Env Sci</td> <td>3.09</td> <td>3.11</td> </tr> <tr> <td>Int Sci</td> <td>2.68</td> <td>3.06</td> </tr> <tr> <td>Life Sci</td> <td>2.72</td> <td>3.08</td> </tr> <tr> <td>Phys Sci</td> <td>2.55</td> <td>3.09</td> </tr> <tr> <td>Psych</td> <td>2.89</td> <td>3.11</td> </tr> <tr> <td>Soc Sci</td> <td>2.85</td> <td>2.93</td> </tr> </table>		HCC	NSUS	Env Sci	3.09	3.11	Int Sci	2.68	3.06	Life Sci	2.72	3.08	Phys Sci	2.55	3.09	Psych	2.89	3.11	Soc Sci	2.85	2.93	<p>For the discipline groupings with HCC cumulative GPAs that are more than 10 points below the NSUS GPA, potential causes should be investigated. Student performance and teaching/learning strategies in this area should be reviewed.</p>
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Phys Sci	2.55	3.09																						
Psych	2.89	3.11																						
Soc Sci	2.85	2.93																						
<p><i>Connections Rubric</i></p>	<p>Pilot Application: Spring 2005: No data. Summer 2005: 84% (25 total cohort) received a score of excellent.</p> <p>Fall 2005: 164 students in 9 sections evaluated against this outcome – average score of 3.95.</p> <p>Spring 2006: 467 students in 16 sections evaluated against this outcome – average score of 3.96.</p>	<p>Pilot application of rubric provided support to apply it for all sections in 2005-2006.</p> <p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p> <p>Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>																						
<p>Course-level performance – data showing average success grades (ABC) for three years for courses that also have been identified as emphasizing this outcome.</p>	<p>Course level assessment table</p>	<p>Phase I in refining course-level assessments. Courses that emphasize this measure that have a low percentage of ABCs should be assessed for how this outcome is delivered and assessed at the course level.</p>																						

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<p>Cluster 4, Outcome 4.a., utilize logical reasoning and critical thinking skills in analyzing scientific problems and models.</p>	<p><i>Connections</i> Rubric</p>	<p>Fall 2005: 8 students in 1 section evaluated against this outcome – average score of 4.75.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings. Cluster 4 needs to provide instructors willing to teaching <i>Connections</i> sections.</p>
		<p>Spring 2006: 23 students in 1 section evaluated against this outcome – average score of 3.26.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings. Cluster 4 needs to provide instructors willing to teaching <i>Connections</i> sections.</p>
<p>Cluster 4, Outcome 4.b., use and understand the scientific method of inquiry</p>	<p><i>Connections</i> Rubric</p>	<p>Fall 2005: 24 students in 1 section evaluated against this outcome – average score of 3.75.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings. Cluster 4 needs to provide instructors willing to teaching <i>Connections</i> sections.</p>
		<p>Spring 2006: 71 students in 3 sections evaluated against this outcome – average score of 3.32.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings. Cluster 4 needs to provide instructors willing to teaching <i>Connections</i> sections.</p>

Related Cluster Outcomes: Students will demonstrate the ability to

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 4, Outcome 4.c., provide examples of how scientific knowledge affects and changes our lives.	Connections Rubric	<p>Fall 2005: 48 students in 2 section evaluated against this outcome – average score of 4.60.</p> <p>Spring 2006: 71 students in 3 sections evaluated against this outcome – average score of 3.58.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings. Cluster 4 needs to provide instructors willing to teaching <i>Connections</i> sections.</p> <p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings. Cluster 4 needs to provide instructors willing to teaching <i>Connections</i> sections.</p>
Cluster 4, Outcome 4.d., distinguish between ideas constructed using scientific methodology and ideas with a pseudo-science basis.	Connections Rubric	<p>Fall 2005: 62 students in 3 section evaluated against this outcome – average score of 4.42.</p> <p>Spring 2006: 71 students in 3 sections evaluated against this outcome – average score of 3.45.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings. Cluster 4 needs to provide instructors willing to teaching <i>Connections</i> sections.</p> <p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. More students need to be evaluated against this outcome to increase validity of findings. Cluster 4 needs to provide instructors willing to teaching <i>Connections</i> sections.</p>

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 5, Outcome 5.a. communicate an understanding of the vocabulary, concepts, key personalities, and contributions of various approaches to the study of human behavior in the behavioral sciences	Connections Rubric	Fall 2005: 131 students in 5 sections evaluated against this outcome – average score of 4.23.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
		Spring 2006: 209 students in 6 sections evaluated against this outcome – average score of 3.94.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
		Fall 2005: 275 students in 12 sections evaluated against this outcome – average score of 3.95.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
Cluster 5, Outcome 5.b. communicate an understanding of the relative contributions of biological and environmental factors affecting human behavior.	Connections Rubric	Spring 2006: 219 students in 6 sections evaluated against this outcome – average score of 4.02.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
		Fall 2005: 128 students in 6 sections evaluated against this outcome – average score of 4.38.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
		Spring 2006: 155 students in 5 sections evaluated against this outcome – average score of 4.43.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
Cluster 5, Outcome 5.d. describe the impact of technology on individuals, groups, and cultures.	Connections Rubric	Fall 2005: 305 students in 13 sections evaluated against this outcome – average score of 3.66.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
		Spring 2006: 209 students in 6 sections evaluated against this outcome – average score of 4.02.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
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Cluster 5, Outcome 5.e. discuss some of the future challenges faced by societies and individuals as we enter the new millennium	Connections Rubric	Fall 2005: 305 students in 13 sections evaluated against this outcome – average score of 3.66.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
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AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results												
<p>Students who complete the HCC general education core curriculum should be able to demonstrate:</p> <p>6: their understanding of global, political, social, economic, and historical perspectives</p>	<p>ETS Test of General Education</p> <p><u>Transfer Performance</u></p> <p>AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)</p>	<p>Results include a comparison with the national comparison group (students at associate's colleges who have earned 30 to 60 semester hours). MAPP provides the mean results for the social sciences which has a relationship with Outcome #6.</p> <p>Results indicate the following for</p> <ul style="list-style-type: none"> • Social Sciences – the HCC mean score is 114.49; the national mean score is 112.75. <p><u>2004 State Accountability/Summary of HCC Performance – M2</u> Results from 02, 03, 04 indicate that transfer GPA for the AA program graduates is increasing in the SUS: AA Transfer GPA > 2.4</p> <table border="1"> <thead> <tr> <th></th> <th>2002</th> <th>2003</th> <th>2004</th> </tr> </thead> <tbody> <tr> <td>% > 2.4</td> <td>68.3</td> <td>69.4</td> <td>73.2</td> </tr> <tr> <td>GPA</td> <td>2.80</td> <td>2.80</td> <td>2.89</td> </tr> </tbody> </table>		2002	2003	2004	% > 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89	<p>Results have been shared with the General Education Committee and the General Education Assessment Committee to develop strategies directed towards improved performance in the social sciences.</p> <p>The HCC cohort has a higher mean score than the national comparison group. The goal is to achieve a higher mean score in social sciences category and to include a larger group of students who take the MAPP test.</p> <p>The College goal is to achieve at least 70% of HCC graduates with a GPA greater than 2.4. This measure indicates that HCC AA graduates have attained that goal.</p>
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AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Program Learning Outcomes			
Students who complete the HCC general education core curriculum should be able to demonstrate:			
6: their understanding of global, political, social, economic, and historical perspectives	<u>Transfer Performance</u>	HCC graduates' performance in the State University System (SUS) is compared against students who are native to the SUS. In the discipline groupings dealing most directly with critical thinking skills, 2003-2004 cumulative GPA results follow: HCC NSUS	The discipline groupings represented with this outcome indicate comparable performance, and no action is needed at this time.
	Level I Data Display (see the complete data report for #'s of students, GPA greater than or equal to 3.0, GPA 2.0 or less, and other information).	Liberal: 2.91 2.96 Soc Sci 2.85 2.93 Pilot Application: Spring 2005: 60% (60 total cohort) received a score of excellent. Summer 2005: 88% (25 total cohort) received a score of excellent.	Pilot application of rubric provided support to apply it for all sections in 2005-2006.
	<i>Connections Rubric</i>	Fall 2005: 398 students in 17 sections evaluated against this outcome – average score of 3.71.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Clusters to evaluate learning strategies/curriculum.
	Course-level performance – data showing average success grades (ABC) for three years for courses that also have been identified as emphasizing this outcome.	Spring 2006: 467 students in 16 sections evaluated against this outcome – average score of 3.96.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
	Course level assessment table		Phase I in refining course-level assessments. Courses that emphasize this measure that have a low percentage of ABCs should be assessed for how this outcome is delivered and assessed at the course level.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 2, Outcome 2.b. relate the contributions of the various humanities' diverse populations to societal institutions.	Connections Rubric	Fall 2005: 147 students in 6 sections evaluated against this outcome – average score of 3.90.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
		Spring 2006: 97 students in 3 sections evaluated against this outcome – average score of 3.52.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 2 to evaluate learning strategies/curriculum.
Cluster 2, Outcome 2.c. research an area of humanities and gather information that helps evaluate a question and explanation about that particular area or period.	Connections Rubric	Fall 2005: 63 students in 3 sections evaluated against this outcome – average score of 4.02.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings.
		Spring 2006: 20 students in 1 sections evaluated against this outcome – average score of 5.00.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings.
Cluster 2, Outcome 2.e. discuss some of the key factors affecting relationships among cultures and evaluate their relative efficacy.	Connections Rubric	Fall 2005: 68 students in 3 sections were evaluated against this outcome – average score of 3.65.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 2 to evaluate learning strategies/curriculum.
		Spring 2006: 0 sections used this outcome.	Spring 2006: Suggested performance goal is 3.80. More students need to be evaluated against this outcome.

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Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 5, Outcome 5.a. communicate an understanding of the vocabulary, concepts, key personalities, and contributions of various approaches to the study of human behavior in the behavioral sciences	Connections Rubric	Fall 2005: 131 students in 5 sections evaluated against this outcome – average score of 4.23.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
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Cluster 5, Outcome 5.b. communicate an understanding of the relative contributions of biological and environmental factors affecting human behavior.	Connections Rubric	Spring 2006: 219 students in 6 sections evaluated against this outcome – average score of 4.02.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
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Cluster 5, Outcome 5.c. discuss some of the key factors affecting relationships among cultures and between generations and evaluate their relative efficacy.	Connections Rubric	Fall 2005: 128 students in 6 sections evaluated against this outcome – average score of 4.38.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
		Spring 2006: 155 students in 5 sections evaluated against this outcome – average score of 4.43.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
		Fall 2005: 128 students in 6 sections evaluated against this outcome – average score of 4.02.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
Cluster 5, Outcome 5.d. describe the impact of technology on individuals, groups, and cultures.	Connections Rubric	Fall 2005: 128 students in 6 sections evaluated against this outcome – average score of 4.38.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty.
		Spring 2006: 155 students in 5 sections evaluated against this outcome – average score of 4.43.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.
		Fall 2005: 128 students in 6 sections evaluated against this outcome – average score of 4.02.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 5, Outcome 5.e. discuss some of the future challenges faced by societies and individuals as we enter the new millennium	Connections Rubric	Fall 2005: 305 students in 13 sections evaluated against this outcome – average score of 3.66.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 5 to evaluate learning strategies/curriculum
		Spring 2006: 209 students in 6 sections evaluated against this outcome – average score of 4.02.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.
Cluster 6, Outcome 6.a. evaluate the causes of past events and relate them to problems and issues of today.	Connections Rubric	Fall 2005: 90 students in 3 sections evaluated against this outcome – average score of 3.61.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum. More students need to be evaluated against this outcome to increase validity of findings.
		Spring 2006: 121 students in 4 sections evaluated against this outcome – average score of 3.51.	Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum
Cluster 6, Outcome 6.b. relate the contributions of the United States' diverse populations to changing our political, economic, and social institutions.	Connections Rubric	Fall 2005: 90 students in 3 sections evaluated against this outcome – average score of 3.68.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum. More students need to be evaluated against this outcome to increase validity of findings.
		Spring 2006: 77 students in 2 sections evaluated against this outcome – average score of 3.16.	Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum. More students need to be evaluated against this outcome to increase validity of findings.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<p>Cluster 6, Outcome 6.c. relate their constitutional rights to real issues and events in American history.</p>	<p><i>Connections Rubric</i></p>	<p>Fall 2005: 25 students in 1 sections evaluated against this outcome – average score of 2.84.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum. More students need to be evaluated against this outcome to increase validity of findings.</p>
		<p>Spring 2006: 40 students in 1 sections evaluated against this outcome – average score of 3.15.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum. More students need to be evaluated against this outcome to increase validity of findings.</p>
<p>Cluster 6, Outcome 6.d. research an historical event and gather information that helps evaluate a question and explanation about that event.</p>	<p><i>Connections Rubric</i></p>	<p>Fall 2005: 23 students in 1 sections evaluated against this outcome – average score of 2.91.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum. More students need to be evaluated against this outcome to increase validity of findings.</p>
		<p>Spring 2006: 43 students in 2 sections evaluated against this outcome – average score of 4.56.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings.</p>

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Program Learning Outcomes			
Students who complete the HCC general education core curriculum should be able to demonstrate:			
7: their ability to use technology to access, retrieve, process, and communicate information	Connections Rubric	<p>Pilot Application: Spring 2005: 60% (60 total cohort) received a score of excellent. Summer 2005: No data.</p>	<p>Spring results included a recommendation to improve student information literacy skills. As a result, the library strategic plan includes an objective to increase information literacy (link to plan). Librarians have developed multiple exercises to improve information literacy (link), and they regularly conduct professional development activities for faculty. Pilot application of rubric provided support to apply it for all sections in 2005-2006.</p>
		<p>Fall 2005: 169 students in 8 sections evaluated against this outcome – average score is 4.01.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>
		<p>Spring 2006: 402 students in 14 sections evaluated against this outcome – average score is 4.11.</p>	<p>Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>
	<p>Course-level performance – data showing average success grades (ABC) for three years for courses that also have been identified as emphasizing this outcome.</p>	<p>Course level assessment table</p>	<p>Phase I in refining course-level assessments. Courses that emphasize this measure that have a low percentage of ABCs should be assessed for how this outcome is delivered and assessed at the course level.</p>

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
Related Cluster Outcomes: Students will demonstrate the ability to			
Cluster 1, Outcome 1.f. research	Connections Rubric	<p>Fall 2005: 82 students in 4 sections evaluated against this outcome – average score is 3.72.</p> <p>Spring 2006: 260 students in 10 sections evaluated against this outcome – average score is 4.05.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 1 to evaluate learning strategies/curriculum. More students need to be evaluated against this outcome to increase validity of findings.</p> <p>Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal.</p>
Cluster 2, Outcome 2.c. research an area of humanities and gather information that helps evaluate a question and explanation about that particular area or period.	Connections Rubric	<p>Fall 2005: 63 students in 3 sections evaluated against this outcome – average score of 4.02.</p> <p>Spring 2006: 20 students in 1 sections evaluated against this outcome – average score of 5.00.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings.</p> <p>Spring 2006: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings.</p>

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<p>Cluster 6, Outcome 6.d. research an historical event and gather information that helps evaluate a question and explanation about that event.</p>	<p><i>Connections</i> Rubric</p>	<p>Fall 2005: 23 students in 1 sections evaluated against this outcome – average score of 2.91.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Cluster 6 to evaluate learning strategies/curriculum. More students need to be evaluated against this outcome to increase validity of findings.</p>
		<p>Spring 2006: 43 students in 2 sections evaluated against this outcome – average score of 4.56.</p>	<p>Fall 2005: Suggested performance goal is 3.80. Results shared with faculty. Performance exceeds goal, but more students need to be evaluated against this outcome to increase validity of findings.</p>

Overall AA Program Learning Outcomes

<p>Transfer Performance</p>	<p>AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)</p>	<p>2004 State Accountability/Summary of HCC Performance – M2 Results from 02, 03, 04 indicate that transfer GPA for the AA program graduates is increasing in the SUS: AA Transfer GPA > 2.4</p> <table border="1"> <thead> <tr> <th></th> <th>2002</th> <th>2003</th> <th>2004</th> </tr> </thead> <tbody> <tr> <td>% > 2.4</td> <td>68.3</td> <td>69.4</td> <td>73.2</td> </tr> <tr> <td>GPA</td> <td>2.80</td> <td>2.80</td> <td>2.89</td> </tr> </tbody> </table>		2002	2003	2004	% > 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89	<p>The College goal is to achieve at least 70% of HCC graduates with a GPA greater than 2.4. This measure indicates that HCC AA graduates have attained that goal.</p>
	2002	2003	2004												
% > 2.4	68.3	69.4	73.2												
GPA	2.80	2.80	2.89												
<p>Success Rates</p>	<p>AA Success = % of students enrolled in good standing, graduated, or exited in good standing during three-year tracking period.</p>	<p>From 2002 through 2004, success rates are 75.2, 73.8, and 75.4%. The system average is 85.1.</p>	<p>The College goal is to increase success rates. The proposed rate is an increase of 2% per year.</p>												
<p>Articulation Meetings</p>	<p>Assessments are made of course syllabi and other course materials to determine how well HCC curriculum aligns with transfer institutions.</p>	<p>Articulation meetings in communications, the humanities, and social sciences indicated alignment.</p>	<p>Level 1 data displays indicate disciplines in which HCC graduates are failing to achieve the same levels of success as USF native students. Faculty should meet to consider methods to improve HCC student success rates.</p>												