

# Hillsborough Community College

## Associate in Arts Program/Learning Outcomes

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results																																															
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1: their ability to think critically	ETS Test of General Education	Results available in spring 2006.	Not applicable at this time.																																															
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AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<b>Program Learning Outcomes</b>			
<b>Students who complete the HCC general education core curriculum should be able to demonstrate:</b>			
1: their ability to think critically	<i>Connections</i> Rubric	Pilot applications: Spring 2005: 60% (60 total cohort) received a score of excellent; Summer 2005: 80% (25 total cohort) received a score of excellent.  Fall 2005: 19 sections, with 443 students evaluated against this outcome.	Pilot application of rubric provided support to apply it for all sections in 2005-2006.  Fall 2005: Average score of 3.72 of students' ability to attain this outcome. Suggested performance goal is 3.80.
	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.
<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 1, Outcome 1.b. think critically, showing original thought	<i>Connections</i> Rubric	Fall 2005: 10 sections used this outcome with 247 students evaluated against it.	Fall 2005: Average score of 3.65 of students' ability to attain this outcome. Suggested performance goal is 3.80. Cluster 1 will review performance and evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.c. synthesize and integrate information	<i>Connections</i> Rubric	Fall 2005: 8 sections used this outcome with 192 students evaluated against it.	Fall 2005: Average score of 3.71. Suggested performance goal is 3.80. Cluster 1 will review performance and evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.d. read critically	<i>Connections</i> Rubric	Fall 2005: 8 sections used this outcome with 212 students evaluated against it.	Fall 2005: Average score of 3.70. Suggested performance goal is 3.80. Cluster 1 will review performance and evaluate learning strategies/curriculum.

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<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 1, Outcome 1.g. apply the precepts of logic	<i>Connections Rubric</i>	Fall 2005: 3 sections used this outcome with 90 students evaluated against it.	Fall 2005: Average score of 3.39. Suggested performance goal is 3.50. Cluster 1 will review performance and evaluate learning strategies/curriculum.
Cluster 2, Outcome 2.a., evaluate the various humanities and show their inter-relationships	<i>Connections Rubric</i>	Fall 2005: 4 sections used this outcome with 116 students evaluated against it.	Fall 2005: Average score of 3.93. Exceeds suggested performance goal of 3.80.
Cluster 3, Outcome 3.c. utilize logical reasoning and critical thinking skills in analyzing mathematical problems and models	<i>Connections Rubric</i>	Fall 2005: 1 section used this outcome with 21 students evaluated against it.	Fall 2005: Average score of 2.62. Suggested performance goal is 3.00. More sections are needed that use this outcome to provide a more comprehensive evaluation. Cluster 3 will review performance and evaluate learning strategies/curriculum.
Cluster 4, Outcome 4.a., utilize logical reasoning and critical thinking skills in analyzing scientific problems and models.	<i>Connections Rubric</i>	Fall 2005: 1 sections used this outcome with 8 students evaluated against it.	Fall 2005: Average score of 4.75, but number of students and sections too low. More sections are needed that use this outcome to provide a more comprehensive evaluation.
Cluster 5, Outcome 5.e. discuss some of the future challenges faced by societies and individuals as we enter the new millennium	<i>Connections Rubric</i>	Fall 2005: 13 sections used this outcome with 305 students evaluated against it.	Fall 2005: Average score of 3.66. Suggested performance goal is 3.80. Cluster 5 will review performance and evaluate learning strategies/curriculum
Cluster 6, Outcome 6.a. evaluate the causes of past events and relate them to problems and issues of today.	<i>Connections Rubric</i>	Fall 2005: 3 sections used this outcome with 90 students evaluated against it.	Fall 2005: Average score of 3.61. Suggested performance goal is 3.80. Cluster 6 will review performance and evaluate learning strategies/curriculum

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2: their ability to express themselves clearly in written and oral communication	ETS Test of General Education	Results available in spring 2006.	Not applicable at this time.																										
	CLAST English Usage and Essay Passing Rates (State Accountability Outcome Measure 5)	<a href="#">2004 State Accountability/Summary of HCC Performance – M5</a> As of 2003 (last available data), 93% of all students are passing the CLAST.	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> .																										
	<u>Transfer Performance</u>  AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)  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).	<a href="#">2004 State Accountability/Summary of HCC Performance – M2</a> Results from 02, 03, 04 indicate that transfer GPA for the AA program graduates is increasing in the SUS: <b>AA Transfer GPA &gt; 2.4</b> <table border="1" data-bbox="1094 1008 1507 1094"> <thead> <tr> <th></th> <th>2002</th> <th>2003</th> <th>2004</th> </tr> </thead> <tbody> <tr> <td>% &gt; 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> 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: <table border="1" data-bbox="1058 1349 1436 1500"> <thead> <tr> <th></th> <th>HCC</th> <th>NSUS</th> </tr> </thead> <tbody> <tr> <td>Comm:</td> <td>2.88</td> <td>3.17</td> </tr> <tr> <td>Letters:</td> <td>2.96</td> <td>2.98</td> </tr> <tr> <td>Liberal:</td> <td>2.91</td> <td>2.96</td> </tr> <tr> <td>Studies</td> <td></td> <td></td> </tr> </tbody> </table>		2002	2003	2004	% > 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89		HCC	NSUS	Comm:	2.88	3.17	Letters:	2.96	2.98	Liberal:	2.91	2.96	Studies		
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2: their ability to express themselves clearly in written and oral communication	<i>Connections</i> Rubric	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.  Fall 2005: 19 sections, with 437 students evaluated against this outcome.	Pilot application of rubric provided support to apply it for all sections in 2005-2006.  Fall 2005: Average score of 3.95 of students' ability to attain this outcome. Exceeds suggested performance goal of 3.80.
	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.
<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 1, Outcome 1.a. communicate in standard American English, both in speech and in writing	<i>Connections</i> Rubric	Fall 2005: 9 sections used this outcome with 215 students evaluated against it.	Fall 2005: Average score of 3.73 of students' ability to attain this outcome. Suggested performance goal is 3.80. Cluster 1 will review performance and evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.c. synthesize and integrate information	<i>Connections</i> Rubric	Fall 2005: 8 sections used this outcome with 192 students evaluated against it.	Fall 2005: Average score of 3.71. Suggested performance goal is 3.80. Cluster 1 will review performance and evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.e. organize a task and follow through to completion	<i>Connections</i> Rubric	Fall 2005: 7 sections used this outcome with 171 students evaluated against it.	Fall 2005: Average score of 4.20 exceeds suggested performance goal of 3.80.

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<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 1, Outcome 1.g. apply the precepts of logic	<i>Connections</i> Rubric	Fall 2005: 3 sections used this outcome with 90 students evaluated against it.	Fall 2005: Average score of 3.39. Suggested performance goal is 3.50. Cluster 1 will review performance and evaluate learning strategies/curriculum.
Cluster 1, Outcome 1.h. attend, participate, and contribute to group sessions	<i>Connections</i> Rubric	Fall 2005: 5 sections used this outcome with 116 students evaluated against it.	Fall 2005: Average score of 3.76. Suggested performance goal is 3.80. Cluster 1 will review performance and evaluate learning strategies/curriculum.
Cluster 2, Outcome 2.d. communicate an understanding of the terminology, concepts and key personalities in the various humanities	<i>Connections</i> Rubric	Fall 2005: 5 sections used this outcome with 130 students evaluated against it.	Fall 2005: Average score of 3.97. Exceeds suggested performance goal of 3.80.
Cluster 2, Outcome 2.e. discuss some of the key factors affecting relationships among cultures and evaluate their relative efficacy.	<i>Connections</i> Rubric	Fall 2005: 3 sections used this outcome with 68 students evaluated against it.	Fall 2005: Average score of 3.65. Suggested performance goal is 3.80. Cluster 2 will review performance and evaluate learning strategies/curriculum.
Cluster 3, Outcome 3.b. recognize and use the words and symbols of mathematics	<i>Connections</i> Rubric	Fall 2005: 0 sections used this outcome.	Fall 2005: The math cluster needs to provide more 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	<i>Connections</i> Rubric	Fall 2005: 5 sections used this outcome with 131 students evaluated against it.	Fall 2005: Average score of 4.23 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.b. communicate an understanding of the relative contributions of biological and environmental factors affecting human behavior.	<i>Connections</i> Rubric	Fall 2005: 12 sections used this outcome with 275 students evaluated against it.	Fall 2005: Average score of 3.95 exceeds the suggested performance goal of 3.80.

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3: their ability to express themselves effectively in quantitative terms.	ETS Test of General Education	Results available in spring 2006.	Not applicable at this time.											
	CLAST Computational Passing Rates	<a href="#">2004 State Accountability/Summary of HCC Performance – M5</a> As of 2003 (last available data), 93% of all students are passing the CLAST.	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> .											
	<u>Transfer Performance</u>  AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)	<a href="#">2004 State Accountability/Summary of HCC Performance – M2</a> Results from 02, 03, 04 indicate that transfer GPA for the AA program graduates is increasing in the SUS: <b>AA Transfer GPA &gt; 2.4</b> <table border="1" data-bbox="1094 1003 1507 1089" style="margin-left: 40px;"> <thead> <tr> <th></th> <th>2002</th> <th>2003</th> <th>2004</th> </tr> </thead> <tbody> <tr> <td>% &gt; 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
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<p><i>Connections</i> Rubric</p>	<p>Pilot Application: No data available for spring or summer 2005 terms.</p> <p>Fall 2005: 5 sections, with 101 students evaluated against this outcome.</p>	<p>Pilot application of rubric provided support to apply it for all sections in 2005-2006. Need more sections that include math/science outcomes.</p> <p>Fall 2005: Average score of 3.94 of students' ability to attain this outcome. Exceeds suggested performance goal of 3.80, but need more instructors to provide more comprehensive assessment.</p>																									
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<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 3, Outcome 3.a. utilize mathematical techniques and procedures in problem-solving activities.	<i>Connections Rubric</i>	Fall 2005: 1 sections used this outcome with 21 students evaluated against it.	Fall 2005: Average score of 2.62. Need more sections that include these outcomes to provide more comprehensive assessment.
Cluster 3, Outcome 3.b. recognize and use the words and symbols of mathematics.	<i>Connections Rubric</i>	Fall 2005: 0 sections used this outcome.	Fall 2005: Need more sections that include these outcomes to provide an assessment.
Cluster 3, Outcome 3.c. utilize logical reasoning and critical thinking skills in analyzing mathematical problems and models.	<i>Connections Rubric</i>	Fall 2005: 1 sections used this outcome with 21 students evaluated against it.	Fall 2005: Average score of 2.62. Need more sections that include these outcomes to provide more comprehensive assessment.
Cluster 3, Outcome 3.d. comprehend and draw appropriate inferences from numeric data in various forms.	<i>Connections Rubric</i>	Fall 2005: 0 sections used this outcome.	Fall 2005: Need more sections that include these outcomes to provide an assessment.

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4: their understanding of and appreciation for the value and significance of culture	<i>Connections</i> Rubric	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.  Fall 2005: 9 sections, with 213 students evaluated against this outcome.	Pilot application of rubric provided support to apply it for all sections in 2005-2006.  Fall 2005: Average score of 4.24 of students' ability to attain this outcome. Exceeds suggested performance goal of 3.80.
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Cluster 2, Outcome 2.b. relate the contributions of the various humanities' diverse populations to societal institutions.	<i>Connections</i> Rubric	Fall 2005: 6 sections used this outcome with 147 students evaluated against it.	Fall 2005: Average score of 3.90. Exceeds suggested performance goal of 3.80.
Cluster 2, Outcome 2.e. discuss some of the key factors affecting relationships among cultures and evaluate their relative efficacy.	<i>Connections</i> Rubric	Fall 2005: 3 sections used this outcome with 68 students evaluated against it.	Fall 2005: Average score of 3.65. Suggested performance goal is 3.80. Cluster 2 will review performance and evaluate learning strategies/curriculum.

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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.	<i>Connections Rubric</i>	Fall 2005: 10 sections used this outcome with 215 students evaluated against it.	Fall 2005: Average score of 3.94 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.d. describe the impact of technology on individuals, groups, and cultures.	<i>Connections Rubric</i>	Fall 2005: 6 sections used this outcome with 128 students evaluated against it.	Fall 2005: Average score of 4.38 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.e. discuss some of the future challenges faced by societies and individuals as we enter the new millennium	<i>Connections Rubric</i>	Fall 2005: 13 sections used this outcome with 305 students evaluated against it.	Fall 2005: Average score of 3.66. Suggested performance goal is 3.80. Cluster 5 will review performance and evaluate learning strategies/curriculum

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	<u>Transfer Performance</u>  AA Transfer GPA > 2.4 (State Accountability Outcome Measure 2)          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).	<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: <b>AA Transfer GPA &gt; 2.4</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">2002</td> <td style="text-align: center;">2003</td> <td style="text-align: center;">2004</td> </tr> <tr> <td style="text-align: right;">%&gt; 2.4</td> <td style="text-align: center;">68.3</td> <td style="text-align: center;">69.4</td> <td style="text-align: center;">73.2</td> </tr> <tr> <td style="text-align: right;">GPA</td> <td style="text-align: center;">2.80</td> <td style="text-align: center;">2.80</td> <td style="text-align: center;">2.89</td> </tr> </table>  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:  <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th style="text-align: center;">HCC</th> <th style="text-align: center;">NSUS</th> </tr> </thead> <tbody> <tr> <td>Env Sci</td> <td style="text-align: center;">3.09</td> <td style="text-align: center;">3.11</td> </tr> <tr> <td>Int Sci</td> <td style="text-align: center;">2.68</td> <td style="text-align: center;">3.06</td> </tr> <tr> <td>Life Sci</td> <td style="text-align: center;">2.72</td> <td style="text-align: center;">3.08</td> </tr> <tr> <td>Phys Sci</td> <td style="text-align: center;">2.55</td> <td style="text-align: center;">3.09</td> </tr> <tr> <td>Psych</td> <td style="text-align: center;">2.89</td> <td style="text-align: center;">3.11</td> </tr> <tr> <td>Soc Sci</td> <td style="text-align: center;">2.85</td> <td style="text-align: center;">2.93</td> </tr> </tbody> </table>		2002	2003	2004	%> 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89		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	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.          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.
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<i>Connections</i> Rubric	Pilot Application: Spring 2005: No data. Summer 2005: 84% (25 total cohort) received a score of excellent.  Fall 2005: 9 sections, with 164 students evaluated against this outcome.	Pilot application of rubric provided support to apply it for all sections in 2005-2006.  Fall 2005: Average score of 3.95 of students' ability to attain this outcome. Exceeds suggested performance goal of 3.80. Positive, but need more sections.																																		

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<b>Program Learning Outcomes</b>			
<b>Students who complete the HCC general education core curriculum should be able to demonstrate:</b>			
5: the scientific method of inquiry and the historical and contemporary impact of science on daily life	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.
<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 4, Outcome 4.a., utilize logical reasoning and critical thinking skills in analyzing scientific problems and models.	<i>Connections Rubric</i>	Fall 2005: 1 section used this outcome with 8 students evaluated against it.	Fall 2005: Average score of 4.75, but number of students and sections too low. More sections are needed that use this outcome to provide a more comprehensive evaluation.
Cluster 4, Outcome 4.b., use and understand the scientific method of inquiry	<i>Connections Rubric</i>	Fall 2005: 1 section used this outcome with 24 students evaluated against it.	Fall 2005: Average score of 3.75, but number of students and sections too low. More sections are needed that use this outcome to provide a more comprehensive evaluation.
Cluster 4, Outcome 4.c., provide examples of how scientific knowledge affects and changes our lives.	<i>Connections Rubric</i>	Fall 2005: 2 sections used this outcome with 48 students evaluated against it.	Fall 2005: Average score of 4.60, but number of students and sections too low. More sections are needed that use this outcome to provide a more comprehensive evaluation.
Cluster 4, Outcome 4.d., distinguish between ideas constructed using scientific methodology and ideas with a pseudo-science basis.	<i>Connections Rubric</i>	Fall 2005: 3 sections used this outcome with 62 students evaluated against it.	Fall 2005: Average score of 4.42, but number of students and sections too low. More sections are needed that use this outcome to provide a more comprehensive evaluation.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
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	<i>Connections</i> Rubric	Fall 2005: 5 sections used this outcome with 131 students evaluated against it.	Fall 2005: Average score of 4.23 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.b. communicate an understanding of the relative contributions of biological and environmental factors affecting human behavior.	<i>Connections</i> Rubric	Fall 2005: 12 sections used this outcome with 275 students evaluated against it.	Fall 2005: Average score of 3.95 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.d. describe the impact of technology on individuals, groups, and cultures.	<i>Connections</i> Rubric	Fall 2005: 6 sections used this outcome with 128 students evaluated against it.	Fall 2005: Average score of 4.38 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.e. discuss some of the future challenges faced by societies and individuals as we enter the new millennium	<i>Connections</i> Rubric	Fall 2005: 13 sections used this outcome with 305 students evaluated against it.	Fall 2005: Average score of 3.66. Suggested performance goal is 3.80. Cluster 5 will review performance and evaluate learning strategies/curriculum

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results																		
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<p>6: their understanding of global, political, social, economic, and historical perspectives</p>	<p>ETS Test of General Education</p>	<p>Results available in spring 2006.</p>	<p>Not applicable at this time.</p>																		
	<p><u>Transfer Performance</u></p> <p>AA Transfer GPA &gt; 2.4 (State Accountability Outcome Measure 2)</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:</p> <p style="text-align: center;"><b>AA Transfer GPA &gt; 2.4</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">2002</td> <td style="text-align: center;">2003</td> <td style="text-align: center;">2004</td> </tr> <tr> <td style="text-align: right;">%&gt; 2.4</td> <td style="text-align: center;">68.3</td> <td style="text-align: center;">69.4</td> <td style="text-align: center;">73.2</td> </tr> <tr> <td style="text-align: right;">GPA</td> <td style="text-align: center;">2.80</td> <td style="text-align: center;">2.80</td> <td style="text-align: center;">2.89</td> </tr> </table> <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> <p style="text-align: center;"><b>HCC    NSUS</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">Liberal:</td> <td style="text-align: center;">2.91</td> <td style="text-align: center;">2.96</td> </tr> <tr> <td style="text-align: right;">Soc Sci</td> <td style="text-align: center;">2.85</td> <td style="text-align: center;">2.93</td> </tr> </table>		2002	2003	2004	%> 2.4	68.3	69.4	73.2	GPA	2.80	2.80	2.89	Liberal:	2.91	2.96	Soc Sci	2.85	2.93	<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> <p>The discipline groupings represented with this outcome indicate comparable performance, and no action is needed at this time.</p>
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<p><i>Connections</i> Rubric</p>	<p>Pilot Application: Spring 2005: 60% (60 total cohort) received a score of excellent. Summer 2005: 88% (25 total cohort) received a score of excellent.</p> <p>Fall 2005: 17 sections, with 398 students evaluated against this outcome.</p>	<p>Pilot application of rubric provided support to apply it for all sections in 2005-2006.</p> <p>Fall 2005: Average score of 3.71 of students' ability to attain this outcome. Suggested performance goal is 3.80.</p>																			

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<b>Program Learning Outcomes</b>			
<b>Students who complete the HCC general education core curriculum should be able to demonstrate:</b>			
6: their understanding of global, political, social, economic, and historical perspectives	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.
<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 2, Outcome 2.b. relate the contributions of the various humanities' diverse populations to societal institutions.	<i>Connections</i> Rubric	Fall 2005: 6 sections used this outcome with 147 students evaluated against it.	Fall 2005: Average score of 3.90. Exceeds suggested performance goal of 3.80.
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.	<i>Connections</i> Rubric	Fall 2005: 3 sections used this outcome with 63 students evaluated against it.	Fall 2005: Average score of 4.02. Exceeds suggested performance goal of 3.80, but number of sections and students low.
Cluster 2, Outcome 2.e. discuss some of the key factors affecting relationships among cultures and evaluate their relative efficacy.	<i>Connections</i> Rubric	Fall 2005: 3 sections used this outcome with 68 students evaluated against it.	Fall 2005: Average score of 3.65. Suggested performance goal is 3.80. Cluster 2 will review performance and evaluate learning strategies/curriculum.
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	<i>Connections</i> Rubric	Fall 2005: 5 sections used this outcome with 131 students evaluated against it.	Fall 2005: Average score of 4.23 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.b. communicate an understanding of the relative contributions of biological and environmental factors affecting human behavior.	<i>Connections</i> Rubric	Fall 2005: 12 sections used this outcome with 275 students evaluated against it.	Fall 2005: Average score of 3.95 exceeds the suggested performance goal of 3.80.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 5, Outcome 5.c. discuss some of the key factors affecting relationships among cultures and between generations and evaluate their relative efficacy.	<i>Connections Rubric</i>	Fall 2005: 10 sections used this outcome with 215 students evaluated against it.	Fall 2005: Average score of 3.94 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.d. describe the impact of technology on individuals, groups, and cultures.	<i>Connections Rubric</i>	Fall 2005: 6 sections used this outcome with 128 students evaluated against it.	Fall 2005: Average score of 4.38 exceeds the suggested performance goal of 3.80.
Cluster 5, Outcome 5.e. discuss some of the future challenges faced by societies and individuals as we enter the new millennium	<i>Connections Rubric</i>	Fall 2005: 13 sections used this outcome with 305 students evaluated against it.	Fall 2005: Average score of 3.66. Suggested performance goal is 3.80. Cluster 5 will review performance and evaluate learning strategies/curriculum
Cluster 6, Outcome 6.a. evaluate the causes of past events and relate them to problems and issues of today.	<i>Connections Rubric</i>	Fall 2005: 3 sections used this outcome with 90 students evaluated against it.	Fall 2005: Average score of 3.61. Suggested performance goal is 3.80. Cluster 6 will review performance and 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.	<i>Connections Rubric</i>	Fall 2005: 3 sections used this outcome with 90 students evaluated against it.	Fall 2005: Average score of 3.68. Suggested performance goal is 3.80, and number of sections and students low. Cluster 6 will review performance, evaluate learning strategies/curriculum, and determine how this outcome can be included in more sections.
Cluster 6, Outcome 6.c. relate their constitutional rights to real issues and events in American history.	<i>Connections Rubric</i>	Fall 2005: 1 sections used this outcome with 25 students evaluated against it.	Fall 2005: Average score of 2.84. Suggested performance goal is 3.80, and number of sections and students low. Cluster 6 will review performance, evaluate learning strategies/curriculum, and determine how this outcome can be included in more sections.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 6, Outcome 6.d. research an historical event and gather information that helps evaluate a question and explanation about that event.	<i>Connections</i> Rubric	Fall 2005: 1 sections used this outcome with 230 students evaluated against it.	Fall 2005: Average score of 2.91. Suggested performance goal is 3.80, and number of sections and students low. Cluster 6 will review performance, evaluate learning strategies/curriculum, and determine how this outcome can be included in more sections.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<b>Program Learning Outcomes</b>			
<b>Students who complete the HCC general education core curriculum should be able to demonstrate:</b>			
7: their ability to use technology to access, retrieve, process, and communicate information	ETS Test of General Education	Results available in spring 2006.	Not applicable at this time.
	<i>Connections</i> Rubric	Pilot Application: Spring 2005: 60% (60 total cohort) received a score of excellent. Summer 2005: No data.  Fall 2005: 8 sections, with 169 students evaluated against this outcome.	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.  Fall 2005: Average score of 4.01 of students' ability to attain this outcome. Exceeds suggested performance goal is 3.80.
	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.

AA Program Outcomes	Outcome Assessments	Assessment Results	Use of Results
<b>Related Cluster Outcomes: Students will demonstrate the ability to</b>			
Cluster 1, Outcome 1.f. research	<i>Connections</i> Rubric	Fall 2005: 4 sections used this outcome with 82 students evaluated against it.	Fall 2005: Average score of 3.72. Suggested performance goal is 3.80, and number of sections and students low. Cluster 1 will review performance, evaluate learning strategies/curriculum, and determine how this outcome can be included in more sections.
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.	<i>Connections</i> Rubric	Fall 2005: 3 sections used this outcome with 63 students evaluated against it.	Fall 2005: Average score of 4.02. Exceeds suggested performance goal of 3.80, but number of sections and students low.
Cluster 6, Outcome 6.d. research an historical event and gather information that helps evaluate a question and explanation about that event.	<i>Connections</i> Rubric	Fall 2005: 1 sections used this outcome with 230 students evaluated against it.	Fall 2005: Average score of 2.91. Suggested performance goal is 3.80, and number of sections and students low. Cluster 6 will review performance, evaluate learning strategies/curriculum, and determine how this outcome can be included in more sections.

**Overall AA Program Learning Outcomes**

<p>Transfer Performance</p>	<p>AA Transfer GPA &gt; 2.4 (State Accountability Outcome Measure 2)</p>	<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:  <b>AA Transfer GPA &gt; 2.4</b></p> <table border="1" data-bbox="1087 451 1507 540"> <thead> <tr> <th></th> <th>2002</th> <th>2003</th> <th>2004</th> </tr> </thead> <tbody> <tr> <td>% &gt; 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>												