

# **Lee College Core Curriculum Compliance Report**

**Submitted Fall 2004**

**To the**

**Texas Higher Education Coordinating Board**

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## **Purpose and Substance**

Lee College's core curriculum builds upon its mission, vision, and goals to provide "quality instruction," "lifelong learning," and "learning opportunities and experiences to allow each student to excel in an ever-changing environment." With these in mind, the core curriculum encompasses a holistic education of students, reinforcing competencies, challenging social and political thought, broadening conceptual relationships between the individual and the world, and acquiring and integrating knowledge through exemplary objectives.

Beyond the five required state components of Communication, Mathematics, Natural Science, Humanities (including Visual/Performing Arts), and Social/Behavioral Sciences, Lee College includes two additional institutionally designed components - Computer Literacy and Health, Wellness, and Kinesiology. The Communication component requires speech (3 additional credits), and the Natural Science component requires laboratory work (1 additional credit for each course).

Lee College's core curriculum includes a minimum of 45 semester credit hours with the exception of music that requires 32, based on the field of study. All courses use the Texas Common Course Numbering System. (See Appendix A for a complete list.)

## **Process to Evaluate the Core Curriculum**

Core curriculum revision: The first step in the core curriculum evaluation process was to align college offerings with state requirements, eliminating courses that fit fields of study and moving courses to respective components.

Faculty review: Once the state-mandated core curriculum was approved by the local Board of Regents and Coordinating Board, faculty within each division reviewed individual course offerings, comparing content of course syllabi with the competencies, perspectives, and exemplary objectives.

Student surveys: The faculty review was followed by student surveys over a two-year period at both the Baytown Campus and Huntsville Center, beginning with 2002 graduates. An initial analysis set compliance at or above 75 percent. Results were then discussed with faculty during in-service, division chairs, and members of the president's and deans' council.

Survey distribution and compliance: As a result of the initial findings, based upon recommendations of a representative faculty committee (Core Curriculum Review), survey design, delivery method, distribution date, and compliance level were modified to increase participation and validity of results. Mail surveys sent to graduates in 2002 were replaced with on-site distribution at graduation for competencies in 2003 and 2004 and with end-of-term classroom evaluations of perspectives and exemplary objectives in 2004. (Note: Perspectives were combined with competencies in 2003.) Evaluation of the core curriculum was scheduled opposite the term in which student evaluation of instructors took place. The faculty committee established a 70 percent standard: Seventy percent of students surveyed should affirm that in at least one area of the core each competency and perspective were being met and that 70 percent of exemplary objectives for each core course were rated at or above 70 percent to be compliant.

First Study 2002: In the first study in 2002, the number of responses from the mail survey was too limited to be statistically significant. However, it can be noted that students identified that every core curriculum component addressed both competencies and perspectives, some with a more encompassing range than others.

Second Study 2002-03: In the second study in 2002-03, depending on courses taken at Lee College, the number of respondents varied; 60 to 70 graduates assessed the competencies while 35 to 63 graduates assessed perspectives. The level of compliance was based at or above 75 percent.

Third Study 2004: In the third study in 2004, the design, delivery method, date and compliance level changed; only graduates would complete the competency portion commencement night, and students currently enrolled would complete the perspectives and

exemplary objective portions during the last two weeks of class during the spring or summer terms – three semesters after the second study. During the spring and summer terms when this study was implemented, 167 graduates at the Baytown Campus (91) and Huntsville Center (76) responded to the competency survey while 3,712 students out of 4,764 enrolled in these courses – or 78 percent - responded to the perspective/competency survey.

On-going evaluation: In the summer of 2004, an on-line survey was piloted with distance education students, taking courses via the Virtual College of Texas. This process will continue with native distance education students as well to determine the extent competencies, perspectives, and exemplary objectives are emphasized via an electronic delivery method. Beginning fall 2004, competency review will be part of the application for graduation rather than on-site at graduation. Courses not surveyed in fall 2002 or spring 2004, as well as those not meeting the 70 percent standard, will be assessed at the next offering of the course.

Syllabi will be reviewed again by faculty to align competencies, perspectives, and exemplary objectives with survey results and to designate, where applicable, core curriculum assessment measures.

An annual review of the core curriculum by the Curriculum and Academic Affairs Committee will continue with particular notice being given to courses that fail to meet the standards and to those offered infrequently.

## **Competencies and Perspectives**

After the faculty review of courses, graduates reviewed competencies collectively by components in both the 2003 and 2004 studies. Perspectives were reviewed collectively by components in the 2003 study and then by course in the 2004 study. .

Competency Comparative Overview: In the 2003 study, based on graduate responses, all six competencies - reading, writing, speaking, listening, critical thinking, and computer literacy - were met by one or more core components at or above 80 percent. In the 2004 study, with the exception of Computer Literacy, which rose to an overall 83 percent compliance, all other competencies were met at or above 91.6 percent. Comparing the 2003 and 2004 results, all competencies were taught in more components, and all components supported an increasing number of competencies.

Competencies - 2003 Study: As shown in Figure 1, all competencies were met via one or more core curriculum components at or above 75 percent with Communication addressing five competencies. Six of seven components addressed one competency at or above the 75 percent level. Listening and critical thinking were addressed by five components, reading four, and writing two. Speaking and computer literacy were addressed in only one component each, Communication and Computer Literacy, respectively.

**Figure 1 – Review of Competencies via Components 2003**

*Highlighted areas are compliant at or above 75 percent.*

<b>Reading</b>		<b>Listening</b>	
Communication	77.1%	Communication	77.1%
Mathematics	46.9%	Mathematics	67.2%
Natural Science	71.4%	Natural Science	81.4%
Humanities	82.6%	Humanities	89.9%
Social/Behavioral Science	79.4%	Social/Behavioral Science	77.9%
Computer Literacy	74.6%	Computer Literacy	74.6%
Health, Wellness & Kinesiology	42.6%	Health, Wellness & Kinesiology	60.7%
<b>Writing</b>		<b>Critical Thinking</b>	
Communication	88.6%	Communication	77.1%
Mathematics	45.3%	Mathematics	79.7%
Natural Science	67.1%	Natural Science	88.6%
Humanities	87.0%	Humanities	81.2%
Social/Behavioral Science	72.1%	Social/Behavioral Science	79.4%
Computer Literacy	62.0%	Computer Literacy	71.8%
Health, Wellness & Kinesiology	41.7%	Health, Wellness & Kinesiology	55.0%
<b>Speaking</b>		<b>Computer Literacy</b>	
Communication	88.6%	Communication	73.9%
Mathematics	42.2%	Mathematics	45.3%
Natural Science	55.7%	Natural Science	55.7%
Humanities	71.0%	Humanities	50.7%
Social/Behavioral Science	58.8%	Social/Behavioral Science	45.6%
Computer Literacy	59.2%	Computer Literacy	90.1%
Health, Wellness & Kinesiology	54.1%	Health, Wellness & Kinesiology	35.0%

Competencies – 2004 Study: One hundred sixty-seven graduates at the Baytown Campus (91) and Huntsville Center (76) responded to the competency survey. Figure 2 details the results.

**Figure 2 Baytown/Huntsville Comparison of Competencies via Components 2004**  
*Highlighted items do NOT meet the 70 percent standard.*

<b>COMMUNICATIONS</b>	Baytown	Huntsville	Total		<b>HUMANITIES</b>	Baytown	Huntsville	Total
Reading	93.4%	92.1%	<b>92.8%</b>		Reading	84.6%	94.7%	<b>89.2%</b>
Writing	97.8%	96.1%	<b>97.0%</b>		Writing	85.7%	90.8%	<b>88.0%</b>
Speaking	94.5%	93.4%	<b>94.0%</b>		Speaking	80.2%	85.5%	<b>82.6%</b>
Listening	89.0%	94.7%	<b>91.6%</b>		Listening	86.8%	92.1%	<b>89.2%</b>
Critical Thinking	92.3%	94.7%	<b>93.4%</b>		Critical Thinking	84.6%	88.2%	<b>86.2%</b>
Computer Literacy	87.9%	73.7%	<b>81.4%</b>		Computer Literacy	73.6%	56.6%	<b>65.9%</b>
					<b>SOCIAL/BEHAVIORAL</b>			
<b>MATHEMATICS</b>	Baytown	Huntsville	Total		<b>SCIENCE</b>	Baytown	Huntsville	Total
Reading	54.9%	78.9%	<b>65.9%</b>		Reading	89.0%	90.8%	<b>89.8%</b>
Writing	56.0%	78.9%	<b>66.5%</b>		Writing	90.1%	92.1%	<b>91.0%</b>
Speaking	62.6%	68.4%	<b>65.3%</b>		Speaking	82.4%	84.2%	<b>83.2%</b>
Listening	76.9%	86.8%	<b>81.4%</b>		Listening	92.3%	93.4%	<b>92.8%</b>
Critical Thinking	75.8%	92.1%	<b>83.2%</b>		Critical Thinking	89.0%	92.1%	<b>90.4%</b>
Computer Literacy	44.0%	63.2%	<b>52.7%</b>		Computer Literacy	72.5%	55.3%	<b>64.7%</b>
<b>NATURAL SCIENCE</b>	Baytown	Huntsville	Total		<b>COMPUTER LITERACY</b>	Baytown	Huntsville	Total
Reading	80.2%	85.5%	<b>82.6%</b>		Reading	79.1%	76.3%	<b>77.8%</b>
Writing	74.7%	82.9%	<b>78.4%</b>		Writing	74.7%	71.1%	<b>73.1%</b>
Speaking	70.3%	68.4%	<b>69.5%</b>		Speaking	70.3%	64.5%	<b>67.7%</b>
Listening	82.4%	84.2%	<b>83.2%</b>		Listening	76.9%	80.3%	<b>78.4%</b>
Critical Thinking	80.2%	88.2%	<b>83.8%</b>		Critical Thinking	83.5%	84.2%	<b>83.8%</b>
Computer Literacy	64.8%	51.3%	<b>58.7%</b>		Computer Literacy	84.6%	81.6%	<b>83.2%</b>
					<b>HEALTH, WELLNESS &amp; KINESIOLOGY</b>	Baytown	Huntsville	Total
A total of 167 students responded, 91 from the Baytown Campus and 67 from the Huntsville Center.					Reading	53.8%	48.7%	<b>51.5%</b>
					Writing	54.9%	50.0%	<b>52.7%</b>
					Speaking	58.2%	51.3%	<b>55.1%</b>
					Listening	31.9%	50.0%	<b>40.1%</b>
					Critical Thinking	58.2%	51.3%	<b>55.1%</b>
					Computer Literacy	54.9%	35.5%	<b>46.1%</b>

On the *Baytown Campus*, the core curriculum components of Communication, Humanities, Social/Behavioral Science, and Computer Literacy met at or above 70 percent

for all competencies. Natural Science met five of six competencies while Mathematics met two - listening and critical thinking, which parallel faculty selections of competencies.

At the *Huntsville Center*, Communication met all competencies while Humanities, Social/Behavioral Science, and Computer Literacy met five of six competencies with Mathematics and Natural Science meeting four. Computer literacy was only met in the Communication and Computer Literacy components. Due to the restrictions of inmates at the Huntsville Center, computer literacy is not a plausible competency within most components, and internet access is not permitted at all in the prison system. .

Overall at both sites, Communication met all competencies while four components – Natural Science, Humanities, Social/Behavioral Science, and Computer Literacy - support five out of six competencies at both sites. All components, though, support all competencies at varying levels from a low of 31.9 percent to a high of 97 percent.

### **Perspectives**

Perspectives – 2003 Study: All eight perspectives were met via one or more core curriculum components at or above 75 percent with six of the eight at or above 80 percent. The Communication component addressed seven of the eight perspectives while Mathematics and Natural Science addressed no perspectives at or above 75 percent. Like the competencies, all components support all perspectives at varying levels from a low of 50 percent to a high of 90.9 percent.

Using at or above 75 percent, logical reasoning was addressed in four components. Multiple perspectives, technology and science, aesthetic judgments, and interrelationships of disciplines were addressed in three components. Being a responsible member of society is addressed by two components while maintaining health and wellness is addressed by one. See Figure 3 for more details.

### **Figure 3 Review of Perspectives via Components 2003**

*Highlighted areas are compliant at or above 75 percent. For complete text of the perspectives, see the corresponding parenthetical numbers under Perspectives in Appendix C.*

<b>Multiple perspectives (1)</b>			<b>Ethical behavior (5)</b>	
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Communication	85.7%	Communication	85.5%
Mathematics	56.1%	Mathematics	56.1%
Natural Science	65.9%	Natural Science	68.3%
Humanities	82.9%	Humanities	73.2%
Social/Behavioral Science	81.0%	Social/Behavioral Science	65.9%
Computer Literacy	71.4%	Computer Literacy	72.5%
Health, Wellness & Kinesiology	56.8%	Health, Wellness & Kinesiology	57.1%
<b>Responsible member of society (2)</b>		<b>Aesthetic judgments (6)</b>	
Communication	82.0%	Communication	80.6%
Mathematics	65.9%	Mathematics	53.7%
Natural Science	58.5%	Natural Science	70.7%
Humanities	73.2%	Humanities	78.0%
Social/Behavioral Science	81.0%	Social/Behavioral Science	81.0%
Computer Literacy	73.8%	Computer Literacy	68.3%
Health, Wellness & Kinesiology	55.6%	Health, Wellness & Kinesiology	54.1%
<b>Maintain health &amp; wellness (3)</b>		<b>Logical reasoning (7)</b>	
Communication	73.3%	Communication	90.9%
Mathematics	50.0%	Mathematics	68.3%
Natural Science	70.7%	Natural Science	72.5%
Humanities	68.3%	Humanities	82.9%
Social/Behavioral Science	65.9%	Social/Behavioral Science	78.6%
Computer Literacy	58.5%	Computer Literacy	75.6%
Health, Wellness & Kinesiology	75.0%	Health, Wellness & Kinesiology	56.8%
<b>Technology &amp; science (4)</b>		<b>Interrelationships of disciplines (8)</b>	
Communication	75.8%	Communication	79.6%
Mathematics	58.5%	Mathematics	65.0%
Natural Science	70.7%	Natural Science	61.0%
Humanities	68.3%	Humanities	78.0%
Social/Behavioral Science	75.6%	Social/Behavioral Science	80.5%
Computer Literacy	78.0%	Computer Literacy	67.5%
Health, Wellness & Kinesiology	51.4%	Health, Wellness & Kinesiology	65.7%

Perspectives – 2004 Study: Overall, 3,712 students reviewed 74 courses at the Baytown Campus and Huntsville Center with 18 courses the same at both sites, 50 unique to the Baytown Campus, and six unique to the Huntsville Center for this particular study. When applying the 70 percent standard to individual courses, 62 courses of the 74 surveyed (84 percent) met the criterion with 48 courses of the 62 including all perspectives at either site. Five courses met all perspectives at both the Baytown Campus and Huntsville Center; 31 courses met all perspectives at the Baytown Campus while 12 courses met all perspectives at

the Huntsville Center See Figure 4 for a list of compliant courses, and see Appendix A for more quantitative details.

**Figure 4 Courses Meeting All Perspectives: 2004 Study**

Baytown Campus & Huntsville Center			Baytown Campus		
<b>COMMUNICATION</b>			<b>MATHEMATICS</b>		
<b>SPCH</b>	1315	Principles of Public Speaking	<b>MATH</b>	2413	Calculus I with Analytical Geometry
	1321	Business and Professional Speech	<b>NATURAL SCIENCE</b>		
<b>NATURAL SCIENCE</b>			<b>BIOL</b>	1406	General Biology I
<b>GEOL</b>	1405	Environmental Geology		1407	General Biology II
<b>SOCIAL/BEHAVIORAL SCIENCE</b>				2401	Human Anatomy & Physiology I
<b>PSYC</b>	2301	Introduction to Psychology		2402	Human Anatomy & Physiology II
<b>COMPUTER LITERACY</b>				2421	Microbiology
<b>COSC</b>	1301	Microcomputer Applications	<b>CHEM</b>	1405	Introductory Inorganic Chemistry
<b>Huntsville Center</b>				1412	General Chemistry II
<b>COMMUNICATION</b>				1419	Introductory Organic Chemistry
<b>ENGL</b>	1302	English Composition II		2425	Organic Chemistry II
<b>SPCH</b>	1318	Interpersonal Communications	<b>ENVR</b>	1401	Environmental Science
<b>HUMANITIES</b>			<b>PHYS</b>	1401	College Physics I
<b>ARTS</b>	1301	Art Appreciation		1407	General Physics II
<b>ENGL</b>	2341	Selected Studies in Literature		2426	Electricity, Optics, and Waves
<b>HIST</b>	2321	History of World Civilizations to 1500	<b>HUMANITIES</b>		
<b>HUMA</b>	1301	Introduction to the Humanities I	<b>ARCH</b>	1311	Introduction to Architecture
<b>SOCIAL/BEHAVIORAL SCIENCE</b>			<b>DRAM</b>	1310	Introduction to the Theatre
<b>ECON</b>	2301	Principles of Economics: Macroeconomics	<b>ENGL</b>	2323	English Literature: Romantic to Present
<b>GOVT</b>	2301	American Government I		2328	American Literature: 1860 to Present
<b>HIST</b>	1301	History of the US to 1877	<b>PHIL</b>	1301	Introduction to Philosophy
	2301	History of Texas	<b>SOCIAL/BEHAVIORAL SCIENCE</b>		
<b>SOCI</b>	1301	Introduction to Sociology	<b>GEOG</b>	1303	World Regional Geography
	2319	Multicultural Studies	<b>HEALTH, WELLNESS &amp; KINESIOLOGY</b>		
			<b>KINE</b>	1117 or 1118	Tennis, Beginning/Experienced
				1123 or 1124	Weight Training, Beginning/Experienced
				1129 or 1130	Basketball, Beginning/Experienced
				1141 or 1142	Self-Defense
				1183M, 1184M, 2183M, or 2184M	Basketball Team
				1304	Personal Health
				1305	The Healthy American
				1306	First Aid
				1332	Elementary and Recreational Game Skills
				1338	Introduction to Physical Fitness & Sport

**Exemplary Objectives**

Exemplary Objectives – 2002 Study: In Fall 2002, 2,522 students in 71 core curriculum courses were asked to determine if the exemplary objectives were being taught. Ten courses with 10 or more survey respondents met the standard of at or above 75 percent for all exemplary objectives:

- Communication: English Composition I, English Composition II, Business and Professional Speech
- Natural Science: General Biology I, General Biology II, The Human Body, General Chemistry I, General Physics I, Physical Geology.

- Humanities: Art History II, Introduction to Philosophy

Eight courses with fewer than 10 survey respondents also met the standard of at or above 75 percent:

- Communication: Interpersonal Communication
- Natural Science: Chemistry II, Introductory Organic Chemistry, Environmental Science, Mechanics and Heat
- Humanities: History and Development of Motion Pictures, English Literature: Romantic to Present, Selected Studies in Literature

Only 18 courses met standards, and only three components – Communication, Humanities, and Science - had some courses meeting the criteria. Even applying the current 70 percent standard to the second study, only 34 classes (48 percent) would have met Lee College's minimum requirement. Clearly more direction was needed.

Exemplary Objectives – 2004 Study: The survey instrument used for perspectives also included exemplary objectives for courses; thus 3,712 students reviewed 73 courses (the wrong form was completed for a history course in the humanities component), 18 courses the same for both sites, 50 unique to the Baytown Campus, and five unique to the Huntsville Center. Only three courses, Principles of Economics – Macroeconomics (0 percent), Introduction to Psychology (66.7 percent), and Introduction to Humanities II (42.9 percent) at the Baytown Campus, did not meet the 70 percent standard for exemplary objectives. (See Appendix A for an overview by percentage and Appendix B for an itemized list of responses per course by campus.)

## **Evaluation Promoting Instructional Improvement and Change**

### ***Course Options***

Since initial implementation of the core curriculum, Lee College has made changes to its course options to meet the changing needs, skills, and interests of students. Additions and deletions (*strike throughs below*) have been made to six of the seven components.

- Communication: (none)
- Mathematics: Calculus II with Analytical Geometry, Elementary Statistics
- Natural Science: Introductory Astronomy I and II, Architectural History I and II
- Humanities: Introduction to Architecture, History of Theatre I and II, Contemporary American Music, American Literature Survey (one semester), Introduction to World Religions, Introductions to Ethics, ~~Introduction to Music Literature I and II, French, German~~
- Social/Behavioral Science: World Regional Geography (added by petition)
- Computer Literacy: Microcomputer Applications, Business Computer Applications
- Health, Wellness, and Kinesiology: Cycling, Pilates, Aerobics, Introduction to Physical Fitness and Sports, ~~Leisure Time Activities, Precision Dance~~

Approximately 10 courses will be reviewed for the 2005-06 catalog for their applicability to the core curriculum and/or their frequency of scheduling. Some may belong in the field of study while others need to be deleted from the inventory.

### ***Course Design***

One of the most popular courses on campus is an exercise class in the Wellness Center, where students can work out at a convenient time in their schedule. As a result, though, core criteria were not apparent. To reinforce the perspectives and objectives without eliminating the convenience, students who take the flexible attendance option now contact their instructor electronically via the Internet with weekly reports about assigned health articles and fitness improvement.

### ***Syllabi Revision***

All core curriculum syllabi have been revised, noting competencies and perspectives taught and emphasizing exemplary objectives. In addition to the catalog, students may now access most master core curriculum syllabi from the Lee College web page.

### ***Overall improvement***

From the survey results, students identified a more holistic and integrated learning environment through the competencies and perspectives than even the faculty perceived. Each competency is now supported by two or more components with an increase from one to three components per competency. In fall 2002 only 34 classes were identified as meeting the exemplary objectives. Now more than 70 courses fulfill these criteria.

### **Plan for Evaluating Student Outcomes**

As the figures indicate, Lee College students may acquire all their competencies and perspectives within a wide range of courses. Building on the faculty and student perceptions of compliance within the core curriculum, the next step will be to examine grade distribution and course completion. The core curriculum committee will meet in spring 2005 to review data and recommend an assessment model, which may include discipline-related approaches. Considerations may include capstone courses, pre- and post-testing, portfolio development and national testing.

Transfers issues involving the core may be examined through focus groups and faculty discussions, as well as course comparison. A certificate of core completion is also being considered to reinforce general education and transfer.

To maintain the longitudinal study already in place, student surveys will continue during 2004-06 with concentration on honors classes, distance education, and marginal and unexamined core courses.

Until new assessment measures are in place, students who graduate with a minimum of a 2.0 GPA will have achieved successful completion of competencies, perspectives, and exemplary objectives of Lee College's core curriculum.



## **Appendix A**

The following table addresses three aspects of the core curriculum: (1) list of core courses by components for 2004-05 that outlines semester hour requirements, (2) collective overview of the 2004 study of perspectives and exemplary objectives with an item analysis in Appendix B, and (3) collective comparison of courses offered at the Baytown Campus and Huntsville Center during the 2004 study.

APPENDIX A			2004 Study			
Core Curriculum 2004-05			Perspectives		Exemplary Objectives	
COMMUNICATIONS (9 semester hours)			Baytown	Huntsville	Baytown	Huntsville
ENGL	1301	English Composition I	87.5%	75.0%	100.0%	100.0%
	1302	English Composition II	87.5%	100.0%	100.0%	100.0%
<i>Plus one of the following:</i>						
SPCH	1315	Principles of Public Speaking	100.0%	100.0%	100.0%	100.0%
	1318	Interpersonal Communications		100.0%		100.0%
	1321	Business and Professional Speech	100.0%	100.0%	100.0%	100.0%
	1342	Voice and Diction				
DRAM	2236	Voice and Diction				
MATHEMATICS (3-4 semester hours)						
<i>One of the following:</i>						
MATH	1414	Modern College Algebra	37.5%	87.5%	100.0%	100.0%
	1316	Plane Trigonometry				
	1324	Finite Mathematics w /Business Applications	75.0%		100.0%	
	1332	Mathematics for Liberal Arts I	37.5%	87.5%	100.0%	100.0%
	2412	Pre-calculus	25.0%		100.0%	
	2413	Calculus I with Analytical Geometry	100.0%		100.0%	
	2414	Calculus II with Analytical Geometry				
	2442	Elementary Statistics				
NATURAL SCIENCE (8 semester hours, 4 for Music)						
<i>Two of the following:</i>						
BIOL	1406	General Biology I	100.0%		100.0%	
	1407	General Biology II	100.0%		100.0%	
	1411	General Botany				
	1413	General Zoology				
	1424	Plant Taxonomy				
	2401	Human Anatomy & Physiology I	100.0%		100.0%	
	2402	Human Anatomy & Physiology II	100.0%		100.0%	
	2404	The Human Body				
	2416	Genetics				
	2421	Microbiology	100.0%		100.0%	
CHEM	1405	Introductory Inorganic Chemistry	100.0%		100.0%	
	1411	General Chemistry I	37.5%		100.0%	
	1412	General Chemistry II	100.0%		100.0%	
	1419	Introductory Organic Chemistry	100.0%		100.0%	
	2423	Organic Chemistry I				
	2425	Organic Chemistry II	100.0%		100.0%	
ENVR	1401	Environmental Science				
GEOL	1403	Physical Geology	37.5%	50.0%	100.0%	100.0%
	1404	Historical Geology	75.0%	87.5%	100.0%	100.0%
	1405	Environmental Geology	100.0%	100.0%	100.0%	100.0%
PHYS	1401	College Physics I	87.5%		100.0%	
	1402	College Physics II	62.5%		100.0%	
	1405	General Physics I	37.5%		100.0%	
	1407	General Physics II	100.0%		100.0%	
	1411	Introductory Astronomy I				
	1412	Introductory Astronomy II				
	2425	Mechanics and Heat				
	2426	Electricity, Optics, and Waves	100.0%		100.0%	

Appendix A (continued)			2004 Study			
HUMANITIES (6 semester hours, 0 for Music)			Perspectives		Exemplary Objectives	
			Baytown	Huntsville	Baytown	Huntsville
<b>Visual/Performing Arts (one of the following):</b>						
ARCH	1301	Architectural History I				
	1302	Architectural History II	87.5%		100.0%	
	1311	Introduction to Architecture	87.5%		100.0%	
ARTS	1301	Art Appreciation		100.0%		100.0%
	1303	Art History I	62.5%		100.0%	
	1304	Art History II				
DRAM	1310	Introduction to the Theatre	100.0%		100.0%	
	2361	History of Theatre I				
	2362	History of Theatre II				
	2366	History & Development of Motion Pictures				
MUSI	1301	Fundamental of Music (non-majors)	0.0%		100.0%	
	1306	Music Appreciation (non-majors)	87.5%	87.5%	100.0%	100.0%
	1310	Contemporary American Music				
<b>Other (one of the following):</b>						
ENGL	2322	English Literature: Beowulf to Romantic				
	2323	English Literature: Romantic to Present	87.5%		100.0%	
	2326	American Literature Survey				
	2327	American Literature to 1860				
	2328	American Literature: 1860 to Present	100.0%		100.0%	
	2331	Cross-Cultural Literature				
	2332	World Literature: Greeks to Renaissance				
	2333	World Literature: Fifteenth Century to Present				
	2341	Selected Studies in Literature		100.0%		100.0%
	HIST	2321	History of World Civilizations to 1500		100.0%	
2322		History of World Civilizations from 1500 to	75.0%		100.0%	
HUMA	1301	Introduction to the Humanities I	87.5%	100.0%	100.0%	100.0%
	1302	Introduction to the Humanities II	87.5%		42.9%	
SPAN	2311	Spanish: Reading, Conversation, Composition, and Grammar Review	75.0%		100.0%	
	2312	Spanish: Reading, Conversation, Composition, and Grammar Review				
PHIL	1301	Introduction to Philosophy	100.0%		100.0%	
	1304	Introduction to World Religions				
	2306	Introduction to Ethics				
SOCIAL/BEHAVIORAL SCIENCE (15 semester hours, 12 for Music)			Perspectives		Exemplary Objectives	
Government			Baytown	Huntsville	Baytown	Huntsville
GOVT	2301	American Government I	87.5%	100.0%	100.0%	100.0%
	2302	American Government II	75.0%	91.7%	87.5%	100.0%
<b>History (two of the following):</b>						
HIST	1301	History of the US to 1877	75.0%	91.7%	100.0%	100.0%
	1302	History of the US since 1877	87.5%	75.0%	100.0%	100.0%
	2301	History of Texas		100.0%		100.0%
<b>Other (one of the following):</b>						
ANTH	2351	Cultural Anthropology				
ECON	2301	Principles of Economics: Macroeconomics	0.0%	100.0%	0.0%	100.0%
	2302	Principles of Economics: Microeconomics				
GEOG	1303	World Regional Geography	100.0%		100.0%	
PSYC	2301	Introduction to Psychology	100.0%	100.0%	66.7%	83.3%
	2314	Life Span Growth & Development				
SOCL	1301	Introduction to Sociology	87.5%	100.0%	91.7%	91.7%
	2319	Multicultural Studies		100.0%		100.0%

Appendix A (continued)			2004 Study			
			Perspectives		Exemplary Objectives	
COMPUTER LITERACY (3-4 semester hours)			Baytown	Huntsville	Baytown	Huntsville
<b>COSC</b>	1301	Microcomputer Applications	100.0%	100.0%	100.0%	100.0%
<b>BCIS</b>	1301	Microcomputer Applications	100.0%		100.0%	
	1405	Business Computer Applications				
HEALTH, WELLNES, & KINESIOLOGY (1 semester credit)						
<i>One of the following:</i>						
<b>KINE</b>	1101 Or 1102	Bowling, Beginning/Experienced				
	1103 or 1104	Exercise, Beginning/Experienced	37.5%		100.0%	
	1105 or 1106	Golf, Beginning/Experienced				
	1107 or 1108	Cycling, Beginning/Experienced				
	1109 or 1110	Pilates, Beginning/Experienced	87.5%		100.0%	
	1111 or 1112	Aerobics, Beginning/Experienced				
	1113 or 1114	Racquetball, Beginning/Experienced				
	1115 or 1116	Swimming, Beginning/Experienced				
	1117 or 1118	Tennis, Beginning/Experienced	100.0%		100.0%	
	1119 or 1120	Volleyball, Beginning/Experienced				
	1121 or 1122	Water Aerobics, Beginning/Experienced				
	1123 or 1124	Weight Training, Beginning/Experienced	100.0%		100.0%	
	1125 or 1126	Sailing, Beginning/Experienced				
	1127 or 1128	Yoga, Beginning/Experienced	50.0%		100.0%	
	1129 or 1130	Basketball, Beginning/Experienced	100.0%		100.0%	
	1141 or 1142	Self-Defense	100.0%		100.0%	
	1151	Skin and Scuba Diving				
	1152	Scuba Diving, Advanced				
	1183M, 1184M, 2183M, or 2184M	Basketball Team	100.0%		100.0%	
	1185W, 1186W, 2185W, or 2186W	Tennis Team				
	1187W, 1188W, 2187W, or 2188W	Volleyball Team	100.0%		100.0%	
	1301	Foundations in Physical Education				
	1304	Personal Health	100.0%		100.0%	
1305	The Healthy American	100.0%		100.0%		
1306	First Aid	100.0%		100.0%		
1332	Elementary and Recreational Game Skills	100.0%		100.0%		
1338	Introduction to Physical Fitness & Sport	100.0%		100.0%		
2155	Water Safety					
Core Curriculum (45-47 semester hours, 32-33 for music)						

## Appendix B

### 2004 Study of Perspectives and Exemplary Objectives: Item Analysis

The following tables give a detailed analysis of student responses to the 2004 Study of Perspectives and Exemplary Objectives. This information expands the percentages listed in Appendix A. The first eight numbers under each course correspond to the state-mandated perspectives. The subsequent numbers in brackets correspond to the exemplary objectives for each component, which can be found in Appendix C and published on pages 39-40 of the *2004-05 Lee College Catalog*.

To meet the state-mandated criteria, the standard established by the Core Curriculum Review Committee was affirmative responses at or above 70 percent for at least 70 percent of the items. Highlighted charts in the second part of Appendix B designate courses taught in Huntsville. Lines highlighted in a dark gray denote percentages under 70%. The data represent raw figures; the minimum number to reach the 70% is listed under the course.

<b>ENGL (course rubric)</b>	<b>1301 (course number)</b>	<b>459 (total number of students enrolled)</b>	<b>152 (total number of responses)</b>
<b>70% = 106+ (minimum number of responses to meet 70% criteria)</b>			

**Baytown Campus**

**COMMUNICATION**

<b>ENGL</b>	<b>1301</b>	<b>459</b>	<b>152</b>	<b>SPCH</b>	<b>1321</b>	<b>23</b>	<b>12</b>
<b>70% = 106+</b>				<b>70% = 8+</b>			
	Yes	No	No Response		Yes	No	No Response
1	144	6	2	1	11	1	0
2	138	23	1	2	11	1	0
3	92	68	2	3	12	0	0
4	107	54	1	4	10	2	0
5	133	27	2	5	11	1	0
6	140	21	1	6	11	1	0
7	133	28	1	7	11	1	0
8	142	19	1	8	11	1	0
[1]	158	4	0	[1]	12	0	0
[2]	142	20	0	[2]	12	0	0
[3]	146	16	0	[3]	12	0	0
[4]	140	22	0	[4]	12	0	0
[5]	145	17	0	[5]	11	1	0
[6]	148	14	0	[6]	11	1	0

<b>ENGL</b>	<b>1302</b>	<b>388</b>	<b>200</b>
<b>70% = 140+</b>			
	Yes	No	No Response
1	183	16	1
2	176	23	1
3	122	7	1
4	133	66	1
5	178	20	2
6	171	28	1
7	173	26	1
8	180	19	1
[1]	187	12	1
[2]	182	18	0
[3]	191	9	0
[4]	186	13	1
[5]	186	13	1
[6]	198	2	0

<b>SPCH</b>	<b>1315</b>	<b>372</b>	<b>144</b>
<b>70% = 101</b>			
	Yes	No	No Response
1	138	6	0
2	144	0	0
3	114	30	0
4	118	26	0
5	131	11	2
6	128	14	2
7	118	14	12
8	117	15	12
[1]	127	4	13
[2]	108	3	33
[3]	109	1	34
[4]	102	9	33
[5]	103	8	33
[6]	111	0	33

<b>SPCH</b>	<b>1342</b>	<b>4</b>	<b>0</b>
<b>DRAM</b>	<b>2336</b>	<b>13</b>	<b>0</b>

MATHEMATICS																				
MATH	1324			32			19			MATH	1332			14			10			
70% = 13+									70% = 7+											
	Yes	No	No Response		Yes	No	No Response		Yes	No	No Response		Yes	No	No Response		Yes	No	No Response	
1	15	3	1		1	3	7		1	3	7		1	3	7		1	3	7	
2	15	3	1		2	3	7		2	3	7		2	3	7		2	3	7	
3	8	10	1		3	3	7		3	3	7		3	3	7		3	3	7	
4	15	3	1		4	10	0		4	10	0		4	10	0		4	10	0	
5	10	8	1		5	5	5		5	5	5		5	5	5		5	5	5	
6	15	3	1		6	6	4		6	6	4		6	6	4		6	6	4	
7	18	0	1		7	10	0		7	10	0		7	10	0		7	10	0	
8	17	1	1		8	7	3		8	7	3		8	7	3		8	7	3	
[1]	19	0	0		[1]	10	0		[1]	10	0		[1]	10	0		[1]	10	0	
[2]	19	0	0		[2]	10	0		[2]	10	0		[2]	10	0		[2]	10	0	
[3]	19	0	0		[3]	9	1		[3]	9	1		[3]	9	1		[3]	9	1	
[4]	19	0	0		[4]	10	0		[4]	10	0		[4]	10	0		[4]	10	0	
[5]	19	0	0		[5]	10	0		[5]	10	0		[5]	10	0		[5]	10	0	
[6]	19	0	0		[6]	10	0		[6]	10	0		[6]	10	0		[6]	10	0	
[7]	18	1	0		[7]	9	1		[7]	9	1		[7]	9	1		[7]	9	1	
MATH	1414			216			94			MATH	2412			11			7			
70% = 66+									70% = 5+											
	Yes	No	No Response		Yes	No	No Response		Yes	No	No Response		Yes	No	No Response		Yes	No	No Response	
1	55	37	2		1	1	6		1	1	6		1	1	6		1	1	6	
2	46	46	2		2	1	6		2	1	6		2	1	6		2	1	6	
3	40	52	2		3	1	6		3	1	6		3	1	6		3	1	6	
4	70	22	2		4	5	2		4	5	2		4	5	2		4	5	2	
5	51	41	2		5	2	5		5	2	5		5	2	5		5	2	5	
6	65	37	2		6	2	5		6	2	5		6	2	5		6	2	5	
7	85	8	1		7	6	1		7	6	1		7	6	1		7	6	1	
8	71	21	2		8	4	3		8	4	3		8	4	3		8	4	3	
[1]	88	4	2		[1]	6	1		[1]	6	1		[1]	6	1		[1]	6	1	
[2]	88	4	2		[2]	7	0		[2]	7	0		[2]	7	0		[2]	7	0	
[3]	88	4	2		[3]	7	0		[3]	7	0		[3]	7	0		[3]	7	0	
[4]	87	5	2		[4]	7	0		[4]	7	0		[4]	7	0		[4]	7	0	
[5]	87	5	2		[5]	7	0		[5]	7	0		[5]	7	0		[5]	7	0	
[6]	82	10	2		[6]	6	1		[6]	6	1		[6]	6	1		[6]	6	1	
[7]	79	12	3		[7]	6	1		[7]	6	1		[7]	6	1		[7]	6	1	
MATH	2413			13			7			Exemplary Objectives:										
70% = 5+																				
	Yes	No	No Response																	
1	5	2	0																	
2	5	2	0	[1]	7	0	0													
3	5	2	0	[2]	7	0	0													
4	7	0	0	[3]	7	0	0													
5	5	2	0	[4]	7	0	0													
6	5	2	0	[5]	7	0	0													
7	7	0	0	[6]	6	1	0													
8	7	0	0	[7]	7	0	0													

NATURAL SCIENCE											
BIOL	1406	104	44	BIOL	1407	57	45				
70% = 31+				70% = 32+							
	Yes	No	No Response		Yes	No	No Response				
1	42	2	0	1	44	1	0				
2	40	4	0	2	42	3	0				
3	41	3	0	3	44	1	0				
4	44	0	0	4	43	2	0				
5	38	6	0	5	34	11	0				
6	40	4	0	6	38	7	0				
7	41	3	0	7	43	2	0				
8	41	3	0	8	43	2	0				
[1]	44	0	0	[1]	42	3	0				
[2]	38	6	0	[2]	43	2	0				
[3]	39	5	0	[3]	40	5	0				
[4]	42	2	0	[4]	44	1	0				
[5]	43	1	0	[5]	43	2	0				
BIOL	2401	239	72	BIOL	2402	120	43				
70% = 50+				70% = 30+							
	Yes	No	No Response		Yes	No	No Response				
1	60	12		1	35	8	1				
2	55	17		2	31	11	1				
3	71	1		3	40	2	1				
4	70	2		4	41	1	1				
5	57	15		5	34	8	1				
6	64	8		6	39	2	1				
7	68	4		7	37	5	1				
8	67	5		8	38	4	1				
[1]	69	3		[1]	38	4	1				
[2]	66	6		[2]	38	4	1				
[3]	59	13		[3]	36	6	1				
[4]	62	10		[4]	39	3	1				
[5]	66	6		[5]	39	3	1				
BIOL	2421	56	43								
70% = 30+											
	Yes	No	No Response								
1	43	0	0	Exemplary Objectives:							
2	41	2	0	[1]	42	1	0				
3	43	0	0	[2]	42	1	0				
4	43	0	0	[3]	41	2	0				
5	38	5	0	[4]	42	1	0				
6	43	0	0	[5]	42	1	0				
7	40	3	0								
8	40	3	0								

NATURAL SCIENCE									
<b>CHEM</b>	<b>1405</b>	<b>16</b>	<b>13</b>						
<b>70% = 9+</b>									
	Yes	No	No Response						
1	13	0	0	Exemplary Objectives:					
2	13	0	0	[1]	13	0	0		
3	13	0	0	[2]	13	0	0		
4	13	0	0	[3]	13	0	0		
5	13	0	0	[4]	13	0	0		
6	13	0	0	[5]	13	0	0		
7	13	0	0						
8	13	0	0						
<b>CHEM</b>	<b>1411</b>	<b>42</b>	<b>26</b>	<b>CHEM</b>	<b>1412</b>	<b>20</b>	<b>16</b>		
<b>70% = 18+</b>				<b>70% = 11+</b>					
	Yes	No	No Response		Yes	No	No Response		
1	17	9	0	1	15	1	0		
2	17	9	0	2	13	3	0		
3	17	9	0	3	14	2	0		
4	23	3	0	4	16	0	0		
5	16	10	0	5	13	3	0		
6	17	9	0	6	14	2	0		
7	23	3	0	7	15	1	0		
8	20	6	0	8	14	2	0		
[1]	25	1	0	[1]	16	0	0		
[2]	25	1	0	[2]	16	0	0		
[3]	26	0	0	[3]	15	1	0		
[4]	24	2	0	[4]	15	1	0		
[5]	25	1	0	[5]	14	2	0		
<b>CHEM</b>	<b>1419</b>	<b>35</b>	<b>26</b>	<b>CHEM</b>	<b>2425</b>	<b>4</b>	<b>3</b>		
<b>70% = 18+</b>				<b>70% = 2+</b>					
	Yes	No	No Response		Yes	No	No Response		
1	24	2	0	1	3	0	0		
2	21	5	0	2	3	0	0		
3	22	4	0	3	3	0	0		
4	26	0	0	4	3	0	0		
5	21	5	0	5	3	0	0		
6	24	2	0	6	3	0	0		
7	24	2	0	7	3	0	0		
8	24	2	0	8	3	0	0		
[1]	26	0	0	[1]	3	0	0		
[2]	24	2	0	[2]	3	0	0		
[3]	22	4	0	[3]	3	0	0		
[4]	22	4	0	[4]	3	0	0		
[5]	23	3	0	[5]	3	0	0		

NATURAL SCIENCE							
ENVR	1401	61	24	GEOL	1403	9	5
70% = 17+				70% = 4+			
	Yes	No	No Response		Yes	No	No Response
1	23	1	0	1	4	1	0
2	22	2	0	2	2	3	0
3	21	3	0	3	4	1	0
4	22	2	0	4	4	1	0
5	21	3	0	5	3	2	0
6	21	3	0	6	3	2	0
7	23	1	0	7	3	2	0
8	20	4	0	8	3	2	0
[1]	23	1	0	[1]	4	1	0
[2]	21	3	0	[2]	4	1	0
[3]	21	3	0	[3]	5	0	0
[4]	22	1	1	[4]	4	1	0
[5]	22	1	1	[5]	5	0	0
GEOL	1404	36	16	GEOL	1405	20	19
70% = 11+				70% = 13+			
	Yes	No	No Response		Yes	No	No Response
1	13	3	0	1	17	2	0
2	12	4	0	2	18	1	0
3	9	7	0	3	17	2	0
4	13	3	0	4	17	2	0
5	8	8	0	5	16	3	0
6	10	6	0	6	17	2	0
7	14	2	0	7	18	1	0
8	12	4	0	8	19	0	0
[1]	14	2	0	[1]	19	0	0
[2]	14	2	0	[2]	16	3	0
[3]	15	1	0	[3]	19	0	0
[4]	15	1	0	[4]	19	0	0
[5]	15	1	0	[5]	18	1	0

NATURAL SCIENCE												
PHYS	1401	10	4	PHYS	1402	16	13					
70% = 3+				70% = 9+								
	Yes	No	No Response		Yes	No	No Response					
1	4	0	0	1	9	4	0					
2	2	2	0	2	7	6	0					
3	3	1	0	3	8	5	0					
4	4	0	0	4	13	0	0					
5	3	1	0	5	7	6	0					
6	3	1	0	6	10	3	0					
7	4	0	0	7	13	0	0					
8	3	1	0	8	12	1	0					
[1]	4	0	0	[1]	13	0	0					
[2]	4	0	0	[2]	13	0	0					
[3]	4	0	0	[3]	12	1	0					
[4]	3	1	0	[4]	9	4	0					
[5]	3	1	0	[5]	11	2	0					
PHYS	1405	28	11	PHYS	1407	25	25					
70% = 8+				70% = 18+								
	Yes	No	No Response		Yes	No	No Response					
1	6	5	0	1	22	3	0					
2	6	5	0	2	20	5	0					
3	7	1	0	3	21	4	0					
4	8	3	0	4	25	0	0					
5	9	2	0	5	21	4	0					
6	4	7	0	6	23	2	0					
7	9	2	0	7	24	1	0					
8	6	5	0	8	21	4	0					
[1]	8	3	0	[1]	25	0	0					
[2]	8	3	0	[2]	24	1	0					
[3]	11	0	0	[3]	24	1	0					
[4]	9	2	0	[4]	25	0	0					
[5]	9	2	0	[5]	23	2	0					
PHYS	2426	10	5									
70% = 4+												
	Yes	No	No Response									
1	4	1	0	Exemplary Pbjectives:								
2	4	1	0	[1]	5	0	0					
3	4	1	0	[2]	5	0	0					
4	5	0	0	[3]	5	0	0					
5	4	1	0	[4]	4	1	0					
6	4	1	0	[5]	4	1	0					
7	5	0	0									
8	5	0	0									

HUMANITIES											
ARCH	1302	14	9	ARCH	1311	7	3				
70% = 6+				70% = 2+							
	Yes	No	No Response		Yes	No	No Response				
1	9	0	0	1	3	0	0				
2	9	0	0	2	3	0	0				
3	5	4	0	3	3	0	0				
4	9	0	0	4	3	0	0				
5	7	2	0	5	3	0	0				
6	8	1	0	6	3	0	0				
7	6	3	0	7	3	0	0				
8	8	1	0	8	3	0	0				
[1]	9	0	0	[1]	3	0	0				
[2]	9	0	0	[2]	3	0	0				
[3]	7	2	0	[3]	3	0	0				
[4]	7	2	0	[4]	3	0	0				
[5]	8	1	0	[5]	3	0	0				
[6]	8	1	0	[6]	3	0	0				
[7]	9	0	0	[7]	3	0	0				
ARTS	1303	48	7	DRAMA	1310	86	12				
70% = 5+				70% = 8+							
	Yes	No	No Response		Yes	No	No Response				
1	5	2	0	1	11	1	0				
2	4	3	0	2	11	1	0				
3	4	3	0	3	8	4	0				
4	6	1	0	4	9	3	0				
5	4	3	0	5	12	0	0				
6	5	2	0	6	10	2	0				
7	5	2	0	7	11	1	0				
8	6	1	0	8	11	1	0				
[1]	6	1	0	[1]	12	0	0				
[2]	6	1	0	[2]	12	0	0				
[3]	6	1	0	[3]	12	0	0				
[4]	6	1	0	[4]	12	0	0				
[5]	7	0	0	[5]	12	0	0				
[6]	5	2	0	[6]	11	1	0				
[7]	7	0	0	[7]	12	0	0				

HUMANITIES											
ENGL	2323	34	20	ENGL	2328	30	20				
70% = 14+				70% = 14+							
	Yes	No	No Response		Yes	No	No Response				
1	19	1	0	1	20	0	0				
2	20	0	0	2	20	0	0				
3	8	12	0	3	14	6	0				
4	14	6	0	4	16	4	0				
5	18	2	0	5	17	3	0				
6	18	2	0	6	15	5	0				
7	15	5	0	7	16	4	0				
8	18	2	0	8	19	1	0				
[1]	19	1	0	[1]	18	2	0				
[2]	20	0	0	[2]	20	0	0				
[3]	19	1	0	[3]	19	1	0				
[4]	17	3	0	[4]	20	0	0				
[5]	18	2	0	[5]	18	2	0				
[6]	20	0	0	[6]	20	0	0				
[7]	18	2	0	[7]	19	1	0				
HIST	2322	23	12								
70% = 8+											
	Yes	No	No Response								
1	12	0	0								
2	12	0	0								
3	4	5	3								
4	10	2	0								
5	9	2	1								
6	7	4	1								
7	9	2	1								
8	12	0	0								
[1]	9	2	1								
[2]	11	1	0								
[3]	11	1	0								
[4]	12	0	0								
[5]	12	0	0								
[6]	8	3	1								
[7]	12	0	0								

HUMANITIES							
HUMA	1301	218	118	HUMA	1302	13	10
70% = 83+				70% = 7+			
	Yes	No	No Response		Yes	No	No Response
1	108	8	2	1	10	0	0
2	108	8	2	2	10	0	0
3	74	40	4	3	6	4	0
4	85	30	3	4	8	2	0
5	95	15	8	5	10	0	0
6	101	9	8	6	9	1	0
7	92	18	8	7	10	0	0
8	91	19	8	8	10	0	0
[1]	103	7	8	[1]	10	0	0
[2]	103	7	8	[2]	9	1	0
[3]	105	4	9	[3]	9	1	0
[4]	106	4	8	[4]	0	0	10
[5]	104	1	13	[5]	0	0	10
[6]	99	6	13	[6]	0	0	10
[7]	102	3	13	[7]	0	0	10
MUSI	1301	25	11	MUSI	1306	83	54
70% = 8+				70% = 38+			
	Yes	No	No Response		Yes	No	No Response
1	6	0	5	1	49	5	0
2	6	0	5	2	49	5	0
3	6	0	5	3	31	23	0
4	6	0	5	4	41	13	0
5	7	0	4	5	41	13	0
6	7	0	4	6	45	9	0
7	7	0	4	7	43	11	0
8	7	0	4	8	48	6	0
[1]	8	0	3	[1]	53	1	0
[2]	8	0	3	[2]	52	2	0
[3]	8	0	3	[3]	54	0	0
[4]	8	0	3	[4]	52	2	0
[5]	9	0	2	[5]	52	2	0
[6]	9	0	2	[6]	48	6	0
[7]	8	0	3	[7]	52	2	0

HUMANITIES								
PHIL	1301	53	28		SPAN	2311/12	10	5
70% = 20+					70% = 4+			
	Yes	No	No Response			Yes	No	No Response
1	28	0	0		1	5	0	0
2	28	0	0		2	5	0	0
3	25	3	0		3	1	3	1
4	25	3	0		4	0	4	1
5	27	1	0		5	5	0	0
6	26	2	0		6	5	0	0
7	27	1	0		7	4	1	0
8	26	2	0		8	5	0	0
[1]	26	1	1		[1]	4	0	1
[2]	26	1	1		[2]	5	0	0
[3]	26	1	1		[3]	5	0	0
[4]	27	0	1		[4]	4	0	1
[5]	26	1	1		[5]	5	0	0
[6]	27	0	1		[6]	5	0	0
[7]	27	0	1		[7]	5	0	0

SOCIAL AND BEHAVIORAL SCIENCE															
ECON		2301		78		22		ECON		2302		42		17	
70% = 15+								70% = 12+							
	Yes	No	No Response						Yes	No	No Response				
1	14	8	0					1	12	5	0				
2	14	8	0					2	14	3	0				
3	12	10	0					3	11	6	0				
4	13	9	0					4	13	4	0				
5	11	11	0					5	11	6	0				
6	13	9	0					6	13	4	0				
7	14	8	0					7	16	1	0				
8	13	9	0					8	13	4	0				
[1]	14	8	0					[1]	13	4	0				
[2]	12	10	0					[2]	14	3	0				
[3]	13	9	0					[3]	14	3	0				
[4]	12	10	0					[4]	14	3	0				
[5]	14	8	0					[5]	15	2	0				
[6]	12	10	0					[6]	12	5	0				
[7]	11	11	0					[7]	13	4	0				
[8]	14	8	0					[8]	11	6	0				
[9]	13	9	0					[9]	13	4	0				
[10]	13	9	0					[10]	14	3	0				
[11]	13	9	0					[11]	14	3	0				
[12]	14	8	0					[12]	14	3	0				
GOVT		2301		202		102		GOVT		2302		288		181	
70% = 71+								70% = 127+							
	Yes	No	No Response						Yes	No	No Response				
1	93	9	0					1	176	5	0				
2	97	5	0					2	175	5	1				
3	68	34	0					3	112	67	2				
4	77	23	2					4	129	50	2				
5	88	13	1					5	150	30	1				
6	81	20	1					6	155	24	2				
7	76	24	2					7	150	31	0				
8	88	12	2					8	159	22	0				
[1]	76	24	2					[1]	132	46	3				
[2]	96	4	2					[2]	165	15	1				
[3]	83	18	1					[3]	163	17	1				
[4]	90	10	2					[4]	164	16	1				
[5]	94	7	1					[5]	171	9	1				
[6]	94	8	0					[6]	171	9	1				
[7]	87	15	0					[7]	168	12	1				
[8]	89	12	1					[8]	163	17	1				
[9]	90	10	2					[9]	161	19	1				
[10]	86	14	2					[10]	166	14	1				
[11]	93	8	1					[11]	174	6	1				
[12]	89	13	0					[12]	154	26	1				

SOCIAL AND BEHAVIORAL SCIENCE											
HIST				HIST							
1301				1302							
184				366							
99				202							
70% = 69+				70% = 141+							
	Yes	No	No Response		Yes	No	No Response				
1	88	10	1	1	188	14	0				
2	87	12	0	2	190	12	0				
3	50	49	0	3	108	92	2				
4	66	33	0	4	160	42	0				
5	79	20	0	5	160	42	0				
6	72	27	0	6	153	47	2				
7	69	30	0	7	149	52	1				
8	81	18	0	8	170	32	0				
[1]	69	29	1	[1]	143	59	0				
[2]	91	8	0	[2]	193	9	0				
[3]	72	27	0	[3]	162	40	0				
[4]	71	28	0	[4]	180	22	0				
[5]	92	7	0	[5]	196	6	0				
[6]	94	5	0	[6]	185	17	0				
[7]	86	13	0	[7]	191	10	1				
[8]	80	19	0	[8]	193	8	1				
[9]	85	14	0	[9]	189	12	1				
[10]	62	37	0	[10]	167	33	2				
[11]	78	20	1	[11]	183	18	1				
[12]	79	18	2	[12]	184	17	1				
PSYC				SOCl							
2301				1301							
306				181							
243				58							
70% = 170+				70% = 41+							
	Yes	No	No Response		Yes	No	No Response				
1	222	20	1	1	53	5	0				
2	204	39	0	2	54	4	0				
3	218	25	0	3	31	17	0				
4	200	43	0	4	48	10	0				
5	211	32	0	5	46	12	0				
6	201	42	0	6	47	11	0				
7	212	31	0	7	47	11	0				
8	207	36	0	8	48	10	0				
[1]	227	16	0	[1]	51	7	0				
[2]	199	44	0	[2]	54	4	0				
[3]	225	18	0	[3]	53	5	0				
[4]	212	31	0	[4]	53	5	0				
[5]	174	68	1	[5]	54	4	0				
[6]	111	131	1	[6]	39	19	0				
[7]	119	123	1	[7]	45	13	0				
[8]	172	69	2	[8]	51	7	0				
[9]	190	51	2	[9]	48	10	0				
[10]	159	82	2	[10]	43	15	0				
[11]	145	96	2	[11]	52	6	0				
[12]	208	30	5	[12]	53	5	0				

<b>SOCIAL AND BEHAVIORAL SCIENCE</b>			
<b>GEOG</b>	<b>1303</b>	<b>26</b>	<b>16</b>
<b>70% = 11+</b>			
	Yes	No	No Response
1	16	0	0
2	16	0	0
3	16	0	0
4	14	2	0
5	14	2	0
6	13	3	0
7	14	2	0
8	16	0	0
[1]	16	0	0
[2]	16	0	0
[3]	16	0	0
[4]	16	0	0
[5]	16	0	0

  

<b>COMPUTER LITERACY</b>							
<b>BCIS</b>	<b>1405</b>	<b>44</b>	<b>10</b>	<b>COSC</b>	<b>1301</b>	<b>206</b>	<b>143</b>
<b>70% = 7+</b>				<b>70% = 100+</b>			
	Yes	No	No Response		Yes	No	No Response
1	8	2	0	1	124	17	2
2	8	2	0	2	118	24	1
3	3	7	0	3	102	40	1
4	9	1	0	4	133	9	1
5	9	1	0	5	114	28	1
6	7	3	0	6	113	29	1
7	9	1	0	7	136	6	1
8	8	2	0	8	127	15	1
[1]	10	0	0	[1]	142	1	0
[2]	10	0	0	[2]	142	1	0

KINESIOLOGY									
<b>KINE</b>	<b>1103/04</b>	<b>166</b>	<b>35</b>		<b>KINE</b>	<b>1109/10</b>	<b>32</b>	<b>18</b>	
<b>70% = 25+</b>					<b>70% = 13+</b>				
	Yes	No	No Response			Yes	No	No Response	
1	24	10	1		1	13	5	0	
2	22	12	1		2	13	5	0	
3	34	1	0		3	18	0	0	
4	24	10	1		4	11	7	0	
5	25	9	1		5	16	1	1	
6	25	9	1		6	17	1	0	
7	23	11	1		7	18	0	0	
8	24	10	1		8	18	0	0	
[1]	33	2	0		[1]	18	0	0	
[2]	35	0	0		[2]	18	0	0	
[3]	35	0	0		[3]	18	0	0	
<b>KINE</b>	<b>1117/18</b>	<b>11</b>	<b>8</b>		<b>KINE</b>	<b>1123</b>	<b>38</b>	<b>20</b>	
<b>70% = 6+</b>					<b>70% = 14+</b>				
	Yes	No	No Response			Yes	No	No Response	
1	7	1	0		1	20	0	0	
2	7	1	0		2	19	1	0	
3	8	0	0		3	17	3	0	
4	7	1	0		4	20	0	0	
5	8	0	0		5	19	1	0	
6	8	0	0		6	19	1	0	
7	7	1	0		7	18	2	0	
8	7	1	0		8	19	1	0	
[1]	6	2	0		[1]	17	3	0	
[2]	7	1	0		[2]	20	0	0	
[3]	7	1	0		[3]	20	0	0	
<b>KINE</b>	<b>1127/28</b>	<b>55</b>	<b>18</b>		<b>KINE</b>	<b>1129/30</b>	<b>23</b>	<b>13</b>	
<b>70% = 13+</b>					<b>70% = 9+</b>				
	Yes	No	No Response			Yes	No	No Response	
1	15	3	0		1	13	0	0	
2	11	7	0		2	13	0	0	
3	16	2	0		3	13	0	0	
4	12	6	0		4	13	0	0	
5	14	4	0		5	13	0	0	
6	14	4	0		6	13	0	0	
7	11	7	0		7	13	0	0	
8	11	7	0		8	13	0	0	
[1]	16	2	0		[1]	13	0	0	
[2]	16	2	0		[2]	13	0	0	
[3]	18	0	0		[3]	13	0	0	

KINESIOLOGY								
KINE	1141/42	19	7		KINE	1183/84	8	8
70% = 5					70% = 6+			
	Yes	No	No Response			Yes	No	No Response
1	7	0	0		1	8	0	0
2	6	1	0		2	8	0	0
3	7	0	0		3	8	0	0
4	6	1	0		4	8	0	0
5	7	0	0		5	8	0	0
6	7	0	0		6	8	0	0
7	6	1	0		7	8	0	0
8	5	2	0		8	8	0	0
[1]	6	1	0		[1]	8	0	0
[2]	7	0	0		[2]	8	0	0
[3]	7	0	0		[3]	8	0	0
KINE	1188/2188	9	9		KINE	1304	20	4
70% = 6+					70% = 3+			
	Yes	No	No Response			Yes	No	No Response
1	9	0	0		1	4	0	0
2	8	1	0		2	4	0	0
3	9	0	0		3	4	0	0
4	6	3	0		4	4	0	0
5	8	1	0		5	3	1	0
6	7	2	0		6	4	0	0
7	7	2	0		7	3	1	0
8	8	1	0		8	4	0	0
[1]	8	1	0		[1]	3	1	0
[2]	8	1	0		[2]	4	0	0
[3]	8	1	0		[3]	4	0	0

KINESIOLOGY								
KINE	1305	16	11		KINE	1306	41	16
<b>70% = 8+</b>					<b>70% = 11+</b>			
	Yes	No	No Response			Yes	No	No Response
1	11	0	0		1	15	1	0
2	11	0	0		2	14	2	0
3	11	0	0		3	16	0	0
4	10	1	0		4	13	3	0
5	11	0	0		5	15	1	0
6	11	0	0		6	16	0	0
7	10	1	0		7	15	1	0
8	11	0	0		8	14	2	0
[1]	11	0	0		[1]	15	1	0
[2]	11	0	0		[2]	15	1	0
[3]	11	0	0		[3]	16	0	0
KINE	1332	30	21		KINE	1338	14	9
<b>70% = 15+</b>					<b>70% = 6+</b>			
	Yes	No	No Response			Yes	No	No Response
1	21	0	0		1	9	0	0
2	21	0	0		2	9	0	0
3	21	0	0		3	9	0	0
4	16	5	0		4	9	0	0
5	20	1	0		5	9	0	0
6	21	0	0		6	9	0	0
7	21	0	0		7	8	1	0
8	21	0	0		8	8	1	0
[1]	20	1	0		[1]	8	0	1
[2]	21	0	0		[2]	8	0	1
[3]	21	0	0		[3]	8	0	1

## Huntsville Center

COMMUNICATION									
<b>ENGL</b>	<b>1301</b>	<b>44</b>	<b>44</b>	<b>ENGL</b>	<b>1302</b>	<b>59</b>	<b>59</b>		
<b>70% = 31+</b>				<b>70% = 41</b>					
	Yes	No	No Response		Yes	No	No Response		
1	33	11		1	57	2			
2	35	9		2	57	2			
3	16	28		3	48	11			
4	24	20		4	50	9			
5	36	8		5	55	4			
6	33	10	1	6	56	3			
7	39	5		7	55	4			
8	34	9	1	8	52	7			
[1]	34	0		[1]	58	1			
[2]	42	1	1	[2]	57	2			
[3]	43	1		[3]	58	1			
[4]	34	10		[4]	55	4			
[5]	38	6		[5]	57	2			
[6]	36	8		[6]	56	3			
<b>SPCH</b>	<b>1315</b>	<b>26</b>	<b>26</b>	<b>SPCH</b>	<b>1318</b>	<b>19</b>	<b>19</b>		
<b>70% = 18</b>				<b>70% = 13</b>					
	Yes	No	No Response		Yes	No	No Response		
1	26	0		1	19	0			
2	26	0		2	19	0			
3	25	1		3	19	0			
4	23	3		4	13	6			
5	25	1		5	19	0			
6	26	0		6	19	0			
7	26	0		7	19	0			
8	25	1		8	18	1			
[1]	26	0		[1]	19	0			
[2]	26	0		[2]	19	0			
[3]	26	0		[3]	19	0			
[4]	25	1		[4]	19	0			
[5]	26	0		[5]	19	0			
[6]	26	0		[6]	17	2			
<b>SPCH</b>	<b>1321</b>	<b>28</b>	<b>28</b>						
<b>70% = 20</b>									
	Yes	No	No Response						
1	27	1		Exemplary Objectives:					
2	28	0		[1]	27	0	1		
3	23	5		[2]	27	0	1		
4	26	2		[3]	27	0	1		
5	26	2		[4]	26	1	1		
6	26	2		[5]	26	1	1		
7	28	0		[6]	26	1	1		
8	25	3							

MATHEMATICS							
MATH	1332	62	62	MATH	1414	19	19
	Yes	No	No Response		Yes	No	No Response
70% =	43			70% =	13		
1	48	14		1	13	6	
2	43	19		2	15	4	
3	35	27		3	11	9	1
4	51	11		4	19	0	
5	43	19		5	14	5	
6	50	12		6	14	5	
7	56	6		7	19	0	
8	50	12		8	17	2	
[1]	55	7		[1]	19	0	
[2]	60	2		[2]	19	0	
[3]	58	4		[3]	18	1	
[4]	59	3		[4]	19	0	
[5]	60	2		[5]	19	0	
[6]	57	5		[6]	17	2	
[7]	59	3		[7]	18	1	
NATURAL SCIENCE							
GEOL	1403	15	15	GEOL	1404	16	16
	Yes	No	No Response		Yes	No	No Response
70% =	11			70% =	11		
1	10	5		1	12	4	
2	11	4		2	13	3	
3	8	7		3	10	6	
4	15	0		4	13	3	
5	10	5		5	11	5	
6	10	5		6	11	5	
7	14	1		7	15	1	
8	15	0		8	12	4	
[1]	15	0		[1]	13	3	
[2]	14	1		[2]	15	1	
[3]	14	1		[3]	15	1	
[4]	12	3		[4]	13	3	
[5]	14	1		[5]	12	4	
GEOL	1405	20	19				
	Yes	No	No Response				
70% =	13						
1	17	4		Exemplary Objectives:			
2	20	1		[1]	21	0	
3	19	2		[2]	19	2	
4	20	1		[3]	20	1	
5	18	3		[4]	19	2	
6	19	2		[5]	20	1	
7	18	3					
8	20	1					

HUMANITIES										
ARTS	1301	52	50	ENGL	2341	53	52			
70% =	35				Yes	No	No Response			
	Yes	No	No Response		70% = 37+					
1	40	9	1	1	49	3				
2	39	11		2	48	4				
3	35	15		3	38	14				
4	36	14		4	42	10				
5	38	12		5	47	5				
6	43	7		6	45	7				
7	41	9		7	48	4				
8	37	13		8	48	4				
[1]	48	2		[1]	50	2				
[2]	44	6		[2]	52	0				
[3]	41	9		[3]	50	2				
[4]	42	8		[4]	50	2				
[5]	46	4		[5]	51	1				
[6]	45	5		[6]	51	1				
[7]	43	6	1	[7]	50	2				
2 not usable				1 not usable						
HUMA	1301	23	23	MUSI	1306	14	14			
70% =	16			70% =	10			Yes	No	No Response
	Yes	No	No Response		Yes	No	No Response			
1	23	0		1	13	1				
2	23	0		2	13	1				
3	22	1		3	8	6				
4	22	1		4	13	1				
5	23	0		5	14	0				
6	21	2		6	13	1				
7	21	2		7	13	1				
8	22	1		8	13	1				
[1]	22	1		[1]	14	0				
[2]	22	1		[2]	14	0				
[3]	21	2		[3]	13	1				
[4]	22	1		[4]	13	1				
[5]	21	2		[5]	14	0				
[6]	22	1		[6]	14	0				
[7]	22	1		[7]	14	0				
HIST	2321	17	17							
70% =	12									
	Yes	No	No Response							
1	17	0		[1]						
2	16	1		[2]						
3	13	4		[3]	used social science rather					
4	15	2		[4]	than humanities exemplary					
5	15	2		[5]	objectives					
6	14	3		[6]						
7	14	3		[7]						
8	16	1								

SOCIAL AND BEHAVIORAL SCIENCE																	
ECON		2301		60		60		GOVT		2301		95		95			
70% = 42		Yes	No	No Response		70% = 67		Yes	No	No Response		70% = 67		Yes	No	No Response	
1		58	2					1	94	1							
2		58	2					2	95	0							
3		46	14					3	84	11							
4		59	1					4	90	5							
5		54	6					5	93	3							
6		53	7		1			6	89	6							
7		59	1					7	92	3							
8		55	5					8	94	5							
[1]		51	9					[1]	85	8							2
[2]		57	3					[2]	91	1							2
[3]		55	5					[3]	90	1							4
[4]		57	3					[4]	90	2							3
[5]		58	2					[5]	90	2							3
[6]		52	8					[6]	90	2							3
[7]		56	4					[7]	91	1							3
[8]		56	4					[8]	89	3							3
[9]		55	5					[9]	90	2							3
[10]		56	4					[10]	91	1							3
[11]		56	4					[11]	91	1							3
[12]		54	6					[12]	87	3							5
HIST		1301		19		19		HIST		1302		51		51			
70% = 13		Yes	No	No Response		70% = 36		Yes	No	No Response		70% = 36		Yes	No	No Response	
1		17	2					1	50	1							
2		18	1					2	50	1							
3		16	3					3	29	22							
4		19	0					4	47	7							
5		19	0					5	35	16							
6		18	1					6	41	10							
7		19	0					7	45	6							
8		18	1					8	40	11							
[1]		18	1					[1]	39	11							1
[2]		18	1					[2]	47	3							1
[3]		18	1					[3]	45	5							1
[4]		19	0					[4]	45	5							1
[5]		18	1					[5]	45	5							1
[6]		19	0					[6]	45	5							1
[7]		19	0					[7]	48	2							1
[8]		18	1					[8]	48	2							1
[9]		19	0					[9]	48	2							1
[10]		17	2					[10]	39	11							1
[11]		16	3					[11]	44	6							1
[12]		19	0					[12]	46	4							1

SOCIAL AND BEHAVIORAL SCIENCE							
HIST	2301	20	20	PSYC	2301	15	15
70% = 14	Yes	No	No Response	70% = 11	Yes	No	No Response
1	19	1		1	14	1	
2	19	1		2	14	1	
3	17	3		3	14	1	
4	20	0		4	15	0	
5	18	2		5	12	3	
6	20	0		6	11	4	
7	20	0		7	14	1	
8	20	0		8	14	1	
[1]	19	1		[1]	14	1	
[2]	19	1		[2]	14	1	
[3]	19	1		[3]	14	1	
[4]	19	1		[4]	13	2	
[5]	19	1		[5]	14	1	
[6]	19	1		[6]	8	7	
[7]	18	1	1	[7]	11	4	
[8]	19	1		[8]	14	1	
[9]	19	1		[9]	15	0	
[10]	18	1	1	[10]	9	6	
[11]	18	11		[11]	13	2	
[12]	10	1		[12]	12	3	
SOCI	1301	20	20	SOCI	2319	42	42
70% = 14	Yes	No	No Response	70% = 29	Yes	No	No Response
1	20	0		1	41	1	
2	19	1		2	39	3	
3	19	1		3	34	8	
4	19	1		4	31	11	
5	17	3		5	42	0	
6	18	1	1	6	36	6	
7	18	2		7	34	8	
8	20	0		8	37	5	
[1]	19	1		[1]	36	6	
[2]	20	0		[2]	42	0	
[3]	18	2		[3]	39	3	
[4]	17	3		[4]	40	2	
[5]	20	0		[5]	41	1	
[6]	12	7	1	[6]	36	6	
[7]	18	2		[7]	37	5	
[8]	17	3		[8]	40	2	
[9]	18	1	1	[9]	39	3	
[10]	17	3		[10]	37	5	
[11]	18	2		[11]	40	2	
[12]	20	0		[12]	40	0	

COMPUTER LITERACY			
COSC	1301	72	72
70% = 49			
	Yes	No	No Response
1	60	12	
2	54	18	
3	49	23	
4	71	1	
5	57	15	
6	58	14	
7	71	1	
8	65	7	
[1]	72	0	
[2]	72	0	

*There are no Health, Wellness, and Kinesiology requirements at the Huntsville Center.*

## Appendix C

### Reference Numbers for Perspectives and Exemplary Objectives

**Perspectives** (*The highlighted words refer to key phrases used in the report.*)

1. Establish broad and **multiple perspectives** on the individual in relationship to the larger society and world in which he or she lives, and to understand the responsibilities of living in a culturally and ethnically diversified world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be a **responsible member of society**;
3. Recognize the importance of **maintaining health and wellness**;
4. Develop a capacity to use knowledge of how **technology and science** affect their lives;
5. Develop personal values for **ethical behavior**;
6. Develop the ability to make **aesthetic judgments**;
7. Use **logical reasoning** in problem solving; and
8. Integrate knowledge and understand the **interrelationships of** the scholarly **disciplines**.

### Educational Objectives by Components

#### Communication

1. To understand and demonstrate writing and speaking processes through invention, organization, drafting, revision, editing, and presentation.
2. To understand the importance of specifying audience and purpose and to select appropriate communication choices.
3. To understand and appropriately apply modes of expression, i.e., descriptive, expository, narrative, scientific, and self-expressive, in written, visual, and oral communication.
4. To participate effectively in groups with emphasis on listening, critical and reflective thinking, and responding.
5. To understand and apply basic principles of critical thinking, problem solving, and technical proficiency in the development of exposition and argument.
6. To develop the ability to research and write a documented paper and/or to give an oral presentation.

## **Mathematics**

1. To apply arithmetic, algebraic, geometric, higher-order thinking, and statistical methods to modeling and solving real-world situations.
2. To represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically.
3. To expand mathematical reasoning skills and formal logic to develop convincing mathematical arguments.
4. To use appropriate technology to enhance mathematical thinking and understanding and to solve mathematical problems and judge the reasonableness of the results.
5. To interpret mathematical models such as formulas, graphs, tables and schematics, and draw inferences from them.
6. To recognize the limitations of mathematical and statistical models.
7. To develop the view that mathematics is an evolving discipline, interrelated with human culture, and understand its connections to other disciplines.

## **Natural Sciences**

1. To understand and apply method and appropriate technology to the study of natural sciences.
2. To recognize scientific and quantitative methods and the differences between these approaches and other methods of inquiry and to communicate findings, analyses, and interpretation both orally and in writing.
3. To identify and recognize the differences among competing scientific theories.
4. To demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics, values, and public policies.
5. To demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.

## **Humanities (including Visual and Performing Arts)**

1. To demonstrate awareness of the scope and variety of works in the arts and humanities.
2. To understand those works as expressions of individual and human values within an historical and social context.
3. To respond critically to works in the arts and humanities.
4. To engage in the creative process or interpretive performance and comprehend the physical and intellectual demands required of the author or visual or performing artist.
5. To articulate an informed personal reaction to works in the arts and humanities.
6. To develop an appreciation for the aesthetic principles that guide or govern the humanities and arts.
7. To demonstrate knowledge of the influence of literature, philosophy, and/or the arts on intercultural experiences.

## **Social/Behavioral Sciences**

1. To employ the appropriate methods, technologies, and data that social and behavioral scientists use to investigate the human condition.
2. To examine social institutions and processes across a range of historical periods, social structures, and cultures.
3. To use and critique alternative explanatory systems or theories.
4. To develop and communicate alternative explanations or solutions for contemporary social issues.
5. To analyze the effects of historical, social, political, economic, cultural, and global forces on the area under study.

6. To comprehend the origins and evolution of U.S. and Texas political systems, with a focus on the growth of political institutions, the constitutions of the U.S. and Texas, federalism, civil liberties, and civil and human rights.
7. To understand the evolution and current role of the U.S. in the world.
8. To differentiate and analyze historical evidence (documentary and statistical) and differing points of view.
9. To recognize and apply reasonable criteria for the acceptability of historical evidence and social research.
10. To analyze, critically assess, and develop creative solutions to public policy problems.
11. To recognize and assume one's responsibility as a citizen in a democratic society by learning to think for oneself, by engaging in public discourse, and by obtaining information through the news media and other appropriate information sources about politics and public policy.
12. To identify and understand differences and commonalities within diverse cultures.

**\*World Regional Geography**

1. To understand the important role the United States plays in many of these global issues.
2. To form critical views of contemporary global issues through awareness and to assess the general political, economic, and social development issues of the world through relevant analyses.
3. To provide critical evaluation of various viewpoints concerning a specific issue expressed through several means of communication, such as written, oral, and visual material, and to effectively organize and communicate their findings.
4. To acquire and improve general reading, writing, and analytical skills that can be applied to personal and professional endeavors in and beyond their World Regional Geography course.
5. To internationalize their academic curriculum and higher education experience.

**\*Computer Literacy**

1. To demonstrate proficiency in working with a modern version of a windows operating system.
2. To demonstrate proficiency in using word processing software to compose, modify, and produce documents of various types and styles.

**\*Health, Wellness, and Kinesiology**

1. Utilizing the Surgeon General's report, examine the benefits of physical activity as it relates to personal health and life span development, as well as the workplace.
2. Understand the basic principles of exercise to develop lifelong habits for mental and physical well being.
3. Apply knowledge of the benefits of physical activity to develop a personal exercise plan or develop personal health goals.

*\* institutionally designed option*