

Core Competencies Assessment 2007-2008: Area I Courses

New Mexico Institution Name Luna Community College

Communications Competencies

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>1. Students will analyze and evaluate oral and written communication in terms of situation, audience, purpose, aesthetics, and diverse points of view. Students should: Understand, appreciate, and critically evaluate a variety of written and spoken messages in order to make informed decisions.</p>	<p>ENGL1113 – Freshman Composition I ENGL1123 – Freshman Composition II COMM1113 – Public Speaking COMM1213 – Interpersonal Communication</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.</p>
<p>2. Students will express a primary purpose in a compelling statement and order supporting points logically and convincingly. Students should: Organize their thinking to express their viewpoints clearly, concisely, and effectively.</p>	<p>ENGL1113 – Freshman Composition I ENGL1123 – Freshman Composition II COMM1213 – Interpersonal Communication ENGL2123 – Introduction to Creative Writing/Fiction</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.</p>
<p>3. Students will use effective rhetorical strategies to persuade,</p>	<p>ENGL1113 – Freshman Composition I ENGL1123 – Freshman Composition II</p>	<p>See Attachments:</p>	<p>Acquire information that faculty will actually use to</p>	<p>How this affects our campus:</p>

<p>inform, and engage. Students should: Select and use the best means to deliver a particular message to a particular audience. Rhetorical strategies include but are not limited to modes (such as narration, description, and persuasion), genres (essays, web pages, reports, proposals), media and technology (PowerPoint™, electronic writing), and graphics (charts, diagrams, formats).</p> <p>(Continued)</p>	<p>COMM1113 – Public Speaking</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.</p>
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Core Competencies Assessment 2007-2008: Area I Courses

New Mexico Institution Name Luna Community College **Communications Competencies, cont.**

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>4. Students will employ writing and/or speaking processes such as planning, collaborating, organizing, composing, revising, and editing to create presentations using correct diction, syntax, grammar, and mechanics.</p> <p>Students should: Use standard processes for generating documents or oral presentations independently and in groups.</p>	<p>COMM1113 – Public Speaking ENGL1113 – Freshman Composition I ENGL1123 – Freshman Composition II ENGL2123 – Introduction to Creative Writing/Fiction</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <ul style="list-style-type: none"> *Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.
<p>5. Students will integrate research correctly and ethically from credible sources to support the primary purpose of a communication.</p> <p>Students should: Gather legitimate information to support ideas without plagiarizing, misinforming or distorting.</p>	<p>ENGL1123 – Freshman Composition II</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <ul style="list-style-type: none"> *Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.
<p>6. Students will engage in</p>	<p>COMM1213 – Interpersonal</p>	<p>See Attachments:</p>	<p>Acquire information that</p>	<p>How this affects our campus:</p>

<p>reasoned civic discourse while recognizing the distinctions among opinions, facts, and inferences. Students should: Negotiate civilly with others to accomplish goals and to function as responsible citizens. End -- Area I</p>	<p>Communication Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>DATA/Rubric's Average Pi Chart Bar Chart Success and Retention Report (Percentages)</p>	<p>faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.</p>
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Area I Assessment completed by _____
Signature

Eloy P. Garcia, Academic Director
Printed Name

09/12/2008
Date

Phone number (505) 454-2565

Core Competencies Assessment 2008-2009: Area II Courses

New Mexico Institution Name: Luna Community College

Mathematics – Algebra Competencies

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u> (Randomly selected courses)	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>1. Students will graph functions Students should:</p> <p>a. Sketch the graphs of linear, higher-order polynomial, rational, absolute value, exponential, logarithmic, and radical functions.</p> <p>b. Sketch a graph using point plotting and analysis techniques, including basic transformations of functions such as horizontal and vertical shifts, reflections, stretches, and compressions.</p> <p>c. Determine the vertex, axis of symmetry, maximum or minimum, and intercepts of a quadratic equation.</p>	<p>MATH180 – College Algebra (MATH1114)</p> <p>Instruments – pre-test, homework, quizzes, chapter exams, and final exam.</p> <p>See Attached Competency Forms</p> <p>Assessment of pre and post test results – see attached MATH180 pretest and final exam</p> <p>Competencies Rating Form – each student rated by instructor for each course</p>	<p>MATH180-02 Fa08 Competency Results: (1 lo - 5 hi) C1 = 3.5 Pre-test assessment: class average 0%: Final Exam Assessment: class average 84%</p> <p>Other courses with similar average for C1</p>	<p>Competency assessment is based on overall student performance- low performance scores indicate need to either revise curriculum, improve course material delivery, or improve student success through tutoring, etc.</p>	<p>Goal – improve overall competency score.</p> <p>Require use of graphing calculator in all sections of MATH180</p>
<p>2. Students will solve various kinds of equations. Students should:</p> <p>a. Solve quadratic equations using factoring, completing the squares, the square root method, and quadratic formula.</p> <p>b. Solve exponential and logarithmic equations.</p> <p>c. Solve systems of two or three linear equations.</p> <p style="text-align: center;">(Continued)</p>	<p>MATH180 – College Algebra (MATH1114)</p> <p>Instruments – homework, quizzes, chapter exams, and final exam.</p> <p>Assessment of pre and post test results</p> <p>Competencies Rating Form – each student rated by instructor for each course</p>	<p>MATH180-02 Fa08 Competency Results: (1 lo - 5 hi) C2 = 3.5</p>	<p>As noted above.</p>	

Core Competencies Assessment 2008-2009: Area II Courses

New Mexico Institution Name: Luna Community College

Mathematics – Algebra Competencies, cont.

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>3. Students will demonstrate the use of function notation and perform operations on functions. Students should:</p> <ul style="list-style-type: none"> a. Find the value of a function for a given domain value b. Add, subtract, multiply, divide and compose functions. c. Determine the inverse of a function. d. Compute the difference quotient for a function. e. Correctly use function notation and vocabulary related to functions, i.e. domain, range, independent variable, of, even symmetry, etc. 	<p>MATH180 – College Algebra (MATH1114)</p> <p>Instruments – homework, quizzes, chapter exams, and final exam.</p> <p>Assessment of pre and post test results</p> <p>Competencies Rating Form – each student rated by instructor for each course</p>	<p>MATH180-02 Fa08 Competency Results: (1 lo - 5 hi) C3 = 3.5</p>	As noted above	
<p>4. Students will model/solve real-world problems. Students should:</p> <ul style="list-style-type: none"> a. Use and understand slope as a rate of change. b. Use equations and systems of equations to solve application problems. c. Apply knowledge of functions to solve specific application problems. d. Solve compound interest problems. e. Solve application problems involving maximization or minimization of a quadratic function. f. Solve exponential growth and decay problems. <p style="text-align: right;">End – Area II - Algebra</p>	<p>MATH180 – College Algebra (MATH1114)</p> <p>Instruments – homework, quizzes, chapter exams, and final exam.</p> <p>Assessment of pre and post test results</p> <p>Competencies Rating Form – each student rated by instructor, by competency for each course</p>	<p>MATH180-02 Fa08 Competency Results: (1 lo - 5 hi) C4 = 3.0</p>	As noted above	

Area II-Algebra Assessment completed by _____

Signature

Andrew Feldman Ph.D. _____

Printed Name

Oct. 28, 2009 _____

Date

Phone number 505.454.5306

Core Competencies Assessment 2008-2009: Area II Courses

New Mexico Institution Name: Luna Community College

Mathematics - Calculus I Competencies

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u> (Randomly selected courses)	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>1. Students will demonstrate an understanding of the theoretical, geometrical underpinnings of the calculus. Students should: Algebraically and graphically demonstrate an understanding of:</p> <ul style="list-style-type: none"> a. Limit b. Tangent line c. Difference quotient d. Fundamental theorem of calculus e. Riemann sums 	<p>MATH195 – Calculus I (MATH1614) Instruments – homework, quizzes, chapter exams, and final exam. See Attached Competency Forms Assessment of pre and post test results– see attached MATH195 pretest and final exam</p> <p>Competencies Rating Form – each student rated by instructor, by competency for each course</p>	<p>MATH195-01 FA08 Competency Results (1 = lo to 5 = hi) C1 = 3.9</p>	<p>Competency assessment is based on overall student performance- low performance scores indicate need to either revise curriculum, improve course material delivery, or improve student success through tutoring, etc.</p>	
<p>2. Students will use concepts of function, limit, continuity, derivative, and integral. Students should: Apply the theory of calculus through manipulations involving:</p> <ul style="list-style-type: none"> a. The finding of limits. b. Using differentiation techniques. c. Working with transcendental & trigonometric functions. d. Determining points of discontinuity and intervals of continuity. 	<p>MATH195 – Calculus I (MATH1614) Instruments – homework, quizzes, chapter exams, and final exam.</p> <p>Assessment of pre and post test results– see attached MATH195 pretest and final exam</p> <p>Competencies Rating Form – each student rated by instructor, by competency for each course</p>	<p>MATH195-01 FA08 C2 = 4.1</p>	<p>As noted above.</p>	

(Continued)

Core Competencies Assessment 2008-2009: Area II Courses

New Mexico Institution Name: Luna Community College

Mathematics - Calculus I Competencies, cont.

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>3. Students will apply methods of calculus to optimization, graphing, and approximation. Students should be able to:</p> <ul style="list-style-type: none"> a. Find extreme points. b. Understand the graphs of a function and its 1st and 2nd derivatives and how they relate. c. Apply Newton’s method. d. Use differentials to approximate functions. 	<p>MATH195 – Calculus I (MATH1614) Instruments – homework, quizzes, chapter exams, and final exam.</p> <p>Assessment of pre and post test results– see attached MATH195 pretest and final exam</p> <p>Competencies Rating Form – each student rated by instructor, by competency for each course</p>	<p>MATH195-01 FA08</p> <p>C3 = 4.1</p>	As noted above	
<p>4. Students will apply differential and integral calculus to problems in geometry, physics, and other fields. Students should:</p> <ul style="list-style-type: none"> a. Understand that calculus has many uses in science, business, and other fields. b. Students should be able to solve application problems involving rates of change, optimization, related rates, and acceleration/velocity. 	<p>MATH195 – Calculus I (MATH1614) Instruments – homework, quizzes, chapter exams, and final exam.</p> <p>Assessment of pre and post test results– see attached MATH195 pretest and final exam</p> <p>Competencies Rating Form – each student rated by instructor, by competency for each course</p>	<p>MATH195-01 FA08</p> <p>C4 = 4.3</p>	As noted above	
End Area II – Calculus I				

Area II-Calculus Assessment completed by _____

Andrew Feldman Ph.D.

Oct. 28, 2009

Signature

Printed Name

Date

Phone number 505.454.5306

Core Competencies Assessment 2008-2009: Area II Courses

New Mexico Institution Name: Luna Community College

Mathematics – Other College-Level Mathematics Competencies

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u> (randomly selected courses)	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>1. Students will display, analyze, and interpret data. Students should:</p> <ul style="list-style-type: none"> a. Discriminate among different types of data displays for the most effective presentation. b. Draw conclusions from the data presented. c. Analyze the implication of the conclusion to real life situations. 	<p>MATH130 – Statistics (MATH2113) MATH190 – Trigonometry (MATH1213) MATH202 - Discrete Math</p> <p>Instruments – homework, quizzes, chapter exams, and final exam.</p> <p>Assessment of pre and post test results– see attached MATH195 pretest and final exam</p> <p>Competencies Rating Form – each student rated by instructor, by competency for each course</p>	<p>MATH190-01 FA08 C1 = 3.8: Pre-Post = 15/83 % pass = 100</p> <p>MATH130-01 FA08 C1 = 4.8: Pre-Post = 20/76 % pass = 100</p>	<p>Competency assessment is based on overall student performance- low performance scores indicate need to either revise curriculum, improve course material delivery, or improve student success through tutoring, etc</p>	
<p>2. Students will demonstrate knowledge of problem-solving strategies. Students should:</p> <ul style="list-style-type: none"> a. For a given problem, gather and organize relevant information. b. Choose an effective strategy to solve the problem c. Express and reflect on the reasonableness of the solution to the problem. 	<p>MATH130 – Statistics (MATH2113) MATH190 – Trigonometry (MATH1213) MATH202 - Discrete Math</p> <p>See Attached Competency Forms</p>	<p>MATH190-01 FA08 C2 = 3.67</p> <p>MATH130-01 FA08 C2 = 4.4</p>		

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Core Competencies Assessment 2008-2009: Area II Courses

New Mexico Institution Name: Luna Community College

Mathematics – Other College-Level Mathematics Competencies, cont.

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>3. Students will construct valid mathematical explanations. Students should: Use mathematics to model and explain real life problems.</p>	<p>MATH130 – Statistics (MATH2113) MATH190 – Trigonometry (MATH1213) MATH202 - Discrete Math</p>	<p>MATH190-01 FA08 C3 = 3.67 MATH130-01 FA08 C3 = 4.2</p>		
<p>4. Students will display an understanding of the development of mathematics. Students should: Recognize that math has evolved over centuries and that our current body of knowledge has been built upon contributions of many people and cultures over time.</p>	<p>MATH130 – Statistics (MATH2113) MATH190 – Trigonometry (MATH1213) MATH202 - Discrete Math</p>	<p>MATH190-01 FA08 C4 = 3.0 MATH130-01 FA08 C4 = 3.6</p>		
<p>5. Students will demonstrate an appreciation for the extent, application, and beauty of mathematics. Students should: Recognize the inherent value of mathematical concepts, their connection to structures in nature, and their implications for everyday life.</p> <p style="text-align: center;">End – Area II Other Math</p>	<p>MATH130 – Statistics (MATH2113) MATH190 – Trigonometry (MATH1213) MATH202 - Discrete Math</p>	<p>MATH190-01 FA08 C5 = 3.0 MATH130-01 FA08 C5 = 4.0</p>		

Area II-Other Math Assessment completed by _____

Signature

Andrew Feldman Ph.D.

Printed Name

Oct. 28, 2009

Date

Phone number 505.454.5306

Core Competencies Assessment 2008-2009: Area III Courses

New Mexico Institution Name: Luna Community College

Laboratory Science Competencies

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u> (Randomly selected courses)	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>1. Students will describe the process of scientific inquiry. Students should:</p> <ol style="list-style-type: none"> Understand that scientists rely on evidence obtained from observations rather than authority, tradition, doctrine, or intuition. Students should value science as a way to develop reliable knowledge about the world. 	<p>GEOL101 –Survey of Earth Science (GEOL1114) CHEM105/106- Intro to Chemistry I & II (CHEM1114/1124) ENVS102 Environmental Science (ENVS1114) BIO105 Bio Non-Majors (BIO1114) BIO110/111 General Biology I & II (BIO1214/1224)</p>	<p>BIO110-01 FA08 C1 = 2.6: Pre-Post = 51/65 % Pass = 76</p> <p>BIO110-01 SP09 C1 = 2.9: Pre-Post = 51/66 % Pass = 100</p> <p>ENVS102-01 FA08 C1 = 2.73; Pre-Post = 38.7/64.0 % pass = 80.0</p>	<p>Consistently low competencies indicate need to monitor curriculum delivery and classroom methodology. Class visits to evaluate instruction and provide tutoring for students.</p>	<p>Improve academic standards for lab science courses; improve student scores; critically evaluate effectiveness of instruction to ensure student success</p>
<p>2. Students will solve problems scientifically. Students should:</p> <ol style="list-style-type: none"> Be able to construct and test hypotheses using modern lab equipment (such as microscopes, scales, computer technology) and appropriate quantitative methods. Be able to evaluate isolated observations about the physical universe and relate them to hierarchically organized explanatory frameworks (theories). 	<p>Courses Noted Above-</p> <p>Instruments – pre-test, homework, quizzes, chapter exams, laboratory exercises, and final exam.</p> <p>Assessment of pre and post test results– see attached science course pretest, final exams, and labs</p> <p>Competencies Rating Form – each student rated by instructor, by competency for each course</p>	<p>BIO110-01 FA08 C2 = 3.1</p> <p>BIO110-01 SP09 C2 = 3.3</p> <p>ENVS102-01 FA08 C2 = 3.0</p>	<p>Mandatory Community College Teaching courses required for faculty. Require higher academic standards for faculty through professional development. Continue student support through tutoring.</p>	<p>Overall goal of department in delivery of lab science courses is to hold both faculty and students to a higher academic standard.</p>
<p>3. Students will communicate scientific information. Students should: Communicate effectively about science (e.g., write lab reports in standard format and explain basic scientific concepts, procedures, and results using written, oral, and graphic presentation techniques.)</p>	<p>See Attached Competency Forms</p> <p>See Attached Science Assessment Tools</p>	<p>BIO110-01 FA08 C3 = 3.0</p> <p>BIO110-01 SP09 C3 = 3.1</p> <p>ENVS102-01 FA08 C3 = 2.86</p>	<p>As noted above</p>	

Core Competencies Assessment 2008-2009: Area III Courses

New Mexico Institution Name: Luna Community College

Laboratory Science Competencies, cont.

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>4. Students will apply quantitative analysis to scientific problems. Students should:</p> <p>a. Select and perform appropriate quantitative analyses of scientific observations.</p> <p>b. Show familiarity with the metric system, use a calculator to perform appropriate mathematical operations, and present results in tables and graphs.</p>	<p>Courses Noted Above-</p> <p>See Attached Science Assessment Tools</p>	<p>BIO110-01 FA08 C4 = 2.9</p> <p>BIO110-01 SP09 C4 = 3.2</p> <p>ENVS102-01 FA08 C4 = 3.2</p>	<p>As noted above. Improve curriculum and delivery of laboratory sections.</p>	
<p>5. Students will apply scientific thinking to real world problems. Students should:</p> <p>a. Critically evaluate scientific reports or accounts presented in the popular media.</p> <p>b. Understand the basic scientific facts related to important contemporary issues (e.g., global warming, stem cell research, cosmology), and ask informed questions about those issues.</p> <p align="center">End – Laboratory Science</p>	<p>Courses Noted Above-</p> <p>See Attached Science Assessment Tools</p>	<p>BIO110-01 FA08 C5 = 3.1</p> <p>BIO110-01 SP09 C5 = 3.1</p> <p>ENVS102-01 FA08 C5 = 3.1</p>	<p>As noted in #2; revise curriculum to higher standards, require faculty to attend professional development courses and stay current in field of expertise. Require courses material that engages students in current scientific developments.</p>	

Area III Assessment completed by _____

Signature

Andrew Feldman Ph.D. _____

Printed Name

Oct. 28, 2009 _____

Date

Phone number 505.454.5306

Core Competencies Assessment 2007-2008: Area IV Courses

New Mexico Institution Name Luna Community College **Social and Behavioral Sciences Competencies**

<p align="center"><u>State Competencies</u> (Learning Outcomes Being Measured)</p>	<p align="center"><u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)</p>	<p align="center"><u>Assessment Results</u></p>	<p align="center"><u>How Results Will Be Used To Make Improvements</u></p>	<p align="center"><u>(Optional)</u> Recommendations/Goals/Priorities</p>
<p>1. Students will identify, describe and explain human behaviors and how they are influenced by social structures, institutions, and processes within the contexts of complex and diverse communities. Students should: Develop an understanding of self and the world by examining content and processes used by social and behavioral sciences to discover, describe, explain, and predict human behaviors and social systems.</p>	<p>ANTH1113 – Introduction to Anthropology ANTH2113 – Cultures of the World POLS1123 – American National Government PSYC1113 – Introduction to Psychology SOCL1113 – Introduction to Sociology</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals or learn how to make our existing class/program even better.</p>
<p>2. Students will articulate how beliefs, assumptions, and values are influenced by factors such as politics, geography, economics, culture, biology, history, and social institutions. Students should: Enhance knowledge of social and cultural institutions and the values of their society and other societies and cultures in the world.</p> <p align="center">(Continued)</p>	<p>ANTH1113 – Introduction to Anthropology ANTH2113 – Cultures of the World POLS1123 – American National Government SOCL1113 – Introduction to Sociology</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals or learn how to make our existing class/program even better.</p>

Core Competencies Assessment 2007-2008: Area IV Courses

New Mexico Institution Name Luna Community College **Social and Behavioral Sciences Competencies, cont.**

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>3. Students will describe ongoing reciprocal interactions among self, society, and the environment. Students should: Understand the interdependent nature of the individual, family/social group, and society in shaping human behavior and determining quality of life.</p>	<p>ANTH1113 – Introduction to Anthropology ANTH2113 – Cultures of the World PSYC1113 – Introduction to Psychology SOCL1113 – Introduction to Sociology</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.</p>
<p>4. Students will apply the knowledge base of the social and behavioral sciences to identify, describe, explain, and critically evaluate relevant issues, ethical dilemmas, and arguments. – Students should: Articulate their role in a global context and develop an awareness and appreciation for diverse value systems in order to understand how to be good citizens who can critically examine and work toward quality of life within a framework of understanding and justice.</p> <p>End – Social/Behavioral Sciences</p>	<p>ANTH1113 – Introduction to Anthropology ANTH2113 – Cultures of the World POLS1123 – American National Government PSYC1113 – Introduction to Psychology SOCL1113 – Introduction to Sociology</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.</p>

Area IV Assessment completed by _____

Signature

Eloy P. Garcia, Academic Director

Printed Name

09/12/2008

Date

Phone number (505) 454-2565

Core Competencies Assessment 2007-2008: Area V Courses

New Mexico Institution Name Luna Community College

Humanities and Fine Arts Competencies

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/Priorities
1. Students will analyze and critically interpret significant and primary texts and/or works of art (this includes fine art, literature, music, theatre, and film.)	ARTS1013 – Introduction to Art ARTS2113 – Art History MUSL1113 – Music Appreciation MUSL1313 – Music History THTR1013 – Introduction to Theatre ENGL2213 – Literature and Society ENGL2513 – American Literature I ENGL2523 – American Literature II ENGL2413 – British Literature I ENGL2423 – British Literature II Instruments – Rubric Rating Form Student Outcome Assessment Form	See Attachments: DATA/Rubric’s Average Pi Chart Bar Chart Success and Retention Report (Percentages)	Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.	How this affects our campus: *Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.
2. Students will compare art forms, modes of thought and expression, and processes across a range of historical periods and/or structures (such as political, geographic, economic, social, cultural, religious, and intellectual).	HIST1053 Western Civilization I HIST1063 – Western Civilization II HIST1113 – American History I HIST1123 – American History II PHIL1113 – Introduction to Philosophy Instruments – Rubric Rating Form Student Outcome Assessment Form	See Attachments: DATA/Rubric’s Average Pi Chart Bar Chart Success and Retention Report (Percentages)	Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.	How this affects our campus: *Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.
3. Students will recognize and articulate the diversity of human	HIST1053 Western Civilization I HIST1063 – Western Civilization II	See Attachments:	Acquire information that faculty will actually use to	How this affects our campus:

<p>experience across a range of historical periods and/or cultural perspectives.</p>	<p>HIST1113 – American History I HIST1123 – American History II ARTS2113 – Art History MUSL1313 – Music History</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.</p>
<p>4. Students will draw on historical and/or cultural perspectives to evaluate any or all of the following: contemporary problems/issues, contemporary modes of expression, and contemporary thought.</p> <p>(Continued)</p>	<p>HIST1053 Western Civilization I HIST1063 – Western Civilization II HIST1113 – American History I HIST1123 – American History II ARTS2113 – Art History ARTS1013 – Introduction to Art MUSL1313 – Music History</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <p>*Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.</p>

Core Competencies Assessment 2007-2008: Area V Courses

New Mexico Institution Name Luna Community College **Humanities and Fine Arts Competencies, cont.**

<u>State Competencies</u> (Learning Outcomes Being Measured)	<u>Assessment Procedures</u> Course Name and NMCCN (Process/Instrument named or described – rubric attached)	<u>Assessment Results</u>	<u>How Results Will Be Used To Make Improvements</u>	<u>(Optional)</u> Recommendations/Goals/ Priorities
<p>For all Humanities and Fine Arts Competencies, students should: Possess an understanding of the present that is informed by an awareness of past heritages in human history, arts, philosophy, religion, and literature, including the complex and interdependent relationships among cultures.</p> <p>Note: For the purposes of the Humanities and Fine Arts requirement, courses will come from the areas of History, Philosophy, Literature, Art, Dance, Music, Theatre and those offerings from other disciplines that also include, among other criteria, analytical study of primary texts and /or works of art as forms of cultural and creative expression. This requirement does not include work in areas such as studio and performance courses or courses that are primarily skills-oriented. The requirements must be fulfilled by courses from two different disciplines.</p> <p style="text-align: center;">End – Humanities/Fine Arts</p>	<p>ARTS1013 – Introduction to Art ARTS2113 – Art History MUSL1113 – Music Appreciation MUSL1313 – Music History HIST1053 Western Civilization I HIST1063 – Western Civilization II HIST1113 – American History I HIST1123 – American History II PHIL1113 – Introduction to Philosophy ENGL2213 – Literature and Society ENGL2513 – American Literature I ENGL2523 – American Literature II ENGL2413 – British Literature I ENGL2423 – British Literature II THTR1013 – Introduction to Theatre</p> <p>Instruments – Rubric Rating Form Student Outcome Assessment Form</p>	<p>See Attachments:</p> <p>DATA/Rubric’s Average</p> <p>Pi Chart Bar Chart</p> <p>Success and Retention Report (Percentages)</p>	<p>Acquire information that faculty will actually use to improve what they are doing. The assessment will yield not only valid results but also usable results.</p>	<p>How this affects our campus:</p> <ul style="list-style-type: none"> *Understand how the Luna Community College community is defined. *Discuss why Luna Community College is successful at increasing student retention rates. *Gain the knowledge to create an active Luna Community College learning institution. *Understand the benefits and pitfalls of setting up new Luna Community College learning goals, or learn how to make our existing class/program even better.

Area V Assessment completed by _____
Signature

Eloy P. Garcia, Academic Director
Printed Name

09/12/2008
Date

Phone number (505) 454-2565