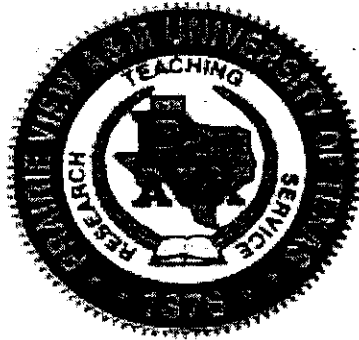


PRAIRIE VIEW A&M UNIVERSITY
CORE CURRICULUM EVALUATION REPORT AND PLAN



PRESENTED TO

THE TEXAS A&M UNIVERSITY SYSTEM

FOR SUBMISSION TO

TEXAS HIGHER EDUCATION COORDINATING BOARD

OCTOBER 1, 2004

CORE CURRICULUM EVALUATION REPORT AND PLAN

Table of Contents

Preface.....	3
I. Core Curriculum Matrix	5
II. Purpose and Substance	5
III. Analysis of Core Curriculum Requirements	6
Communications.....	7
Mathematics	8
Natural Sciences.....	9
Humanities	9
Social and Behavioral Sciences	10
Computing	10
IV. Evaluation Process and Procedures.....	11
V. Utilization of Results to Improve the Core Curriculum	12
Attachment I Core Curriculum Matrix.....	19
Attachment II Curriculum Review Process	28
Attachment III Standard Course Syllabus Content and Attachments.....	30
Attachment IV ETS Testing Academic Profile (2001-2004 Results).....	32
Attachment V Plan for Ongoing Core Curriculum Evaluation	42

PREFACE

THE CORE CURRICULUM: THE MISSION AS FRAMEWORK

Undergirding the core curriculum at Prairie View A&M University are the major tenets of its mission. It is a land-grant university committed to teaching, research and service. A more salient feature is the commitment to provide a high quality education to students from diverse ethnic and socio-economic backgrounds. While the University admits and graduates an impressive number of students whose parents, grandparents and/or siblings are college educated professionals with solidly middle class life styles, it is important to note that the vast majority of the students come from low income families. Annual incomes below \$15K are not uncommon. In fact, forty percent come from families whose annual income is below \$20K. By contrast, beginning salaries of 2002-2003 bachelor's degree recipients ranged from \$30K to \$42K. Some graduates in nursing, engineering, computer science and accounting earn initial salaries of over \$60K. Clearly, the University raises expectations and produces success.

Containing the major lower level liberal arts courses taken by all students, the core or general education component of the undergraduate curriculum may very well be the determinant of how well graduates perform in the out years. Will they be promotable? Will they qualify to lead in education, the arts, business, nursing, engineering, architecture, biological sciences, computer engineering, drama, music, or other areas? In the March/April 2003 issue of *Trusteeship*, William G. Durden posited the following relative to the significance of liberal learning for persons other than the wealthy:

Liberal education is not defined by practicality or the immediacy of occupational goals--which would do little to change prejudice, bias or authority. But a liberal education is ultimately useful; it gives students the strong sense of self and habits of mind and action to become leaders.

And . . . minority, first-generation, immigrant otherwise disenfranchised students most desperately need an educational environment that builds identity and gives them the confidence even to attempt leadership (p.26)

The extent to which the undergraduate degree recipients are successful academically, personally, and socially will likely impact how their siblings, parents/guardians and family in general will be able to advance educationally and cycle out of circumstances that reduce life chances. Attachment 1 is the Core Curriculum Table for Prairie View A&M University. It displays the core courses by core component, exemplary outcomes, and Texas Common Course Numbering System (TCCNS).

I. CORE CURRICULUM MATRIX

See attachment 1, Core Curriculum by Exemplary Outcomes, and Texas Common Course Numbering Systems.

II. PURPOSE AND SUBSTANCE

The University's (42) SCH general education curriculum is designed to provide students a foundation in the broad knowledge and skills which will enhance study in the major areas; to prepare students to change and grow with their own needs and the needs of society; and to enable students to function as contributing members of a democratic society and of the global community. The underlying assumption embodied in the curriculum is that specialized knowledge changes, but the process of thought and the ability to apply the thought in a variety of contexts continues throughout one's life.

A solid and meaningful general education curriculum should consist of more than basic courses taken during the freshman and sophomore years. For example, the humanities and social science requirements may extend throughout the undergraduate experience; thereby, enriching coursework in the junior and senior years. Such an approach provides for the development of additional competencies essential to the optimal development of the individual.

In planning course content and selecting sequences, core curriculum committees at the University have subscribed to James L. Ratliff's concept of coherence, the deliberate sequencing of coursework leading to useful and long-lasting skills and insights about the world (Gaff and Ratliff, *Handbook of the Undergraduate Curriculum.*)

III. ANALYSIS OF CORE CURRICULUM REQUIREMENTS

At Prairie View A&M University, there are general education course requirements in the basic (42) semester credit hour transferable core curriculum as well as in school/college core requirements. The basic core includes the following: nine (9) Semester Credit Hours (SCH) in communications, (6) SCH of English and (3) SCH of speech); (3) SCH of mathematics; (6) SCH of natural science; (6) SCH of humanities including (3) SCH from visual and performing arts; (15) SCH in social and behavioral sciences; and (3) SCH in computing.

Upon entry, over three-fifths of the first time in college freshmen are in need of academic strengthening in the basic skill areas as measured by the state mandated Texas Higher Education Assessment (THEA) formerly the Texas Academic Skills Program (TASP). . Since 1998, when the University established a very focused, well defined developmental education program, the academic strengthening of its first-time in college freshmen has increased their retention rate from 42% in 1996 to 64% in 2002. In short, the University cannot assume college readiness at the point that students begin taking courses in the core curriculum. For most, some remediation is required in reading, writing, and mathematics. While a quick review of the results on the Educational Testing Service (ETS) General Education Battery does not reveal major gains from the freshman to the junior year, there is improvement at a level that increases the student's chances of remaining in college. Because it is important to extend the time for arrival at an acceptable level of proficiency, the University began directing faculty to identify in their courses core content that could be

reinforced or taught through directed study, referrals to tutorials, or other methods. A sample standard format for the course syllabus is shown in Attachment 3 of this document.

Given the University's strong focus upon engineering, nursing, educator preparation, business, and pre-professional science and social science, students' gaining proficiency in the quantitative and verbal skills becomes paramount to their quest to remain in the pipeline leading to degrees in those fields. An example of core course strengthening is the restructuring of the so-called gate keeping courses in mathematics, chemistry, and physics as part of a \$3.8 million National Science Foundation grant to improve undergraduate education. Expected outcomes are reiterated throughout the program by students and faculty and time is devoted to closing gaps in learning achievement when noted and not months into a course.

Communications. Among the intellectual skills, the capability to express one's thoughts, feelings, aspirations, attitudes, and aptitudes is undoubtedly the most important of the core competencies. Many students who attend the University have been in communities and schools where mastery of standard conventions of linguistic expression were either devalued or not associated with success in the professional arena. While only (6) SCH in this area are required by state statute, an additional (3) SCH in speech were selected from chat II of Chapter 5 to increase the total requirement to (9) SCH due to the emphasis the faculty believed essential to place on educating students to function effectively in a society that values mastery of standard grammatical construction; utilization of logical and critical thinking skills; and clear, concise sending of oral messages that effectively inform, persuade, describe, or illustrate. To augment the curriculum, the University promotes student engagement in organizations, attendance at general University performances/events, and

enrollment in paid and unpaid internship/cooperative education experiences. The University College, the College of Arts and Sciences, and the College of Business have staffed writing laboratories. There is a chapter of Toastmaster's International, a debate/forensic team, the Honda All Star Competition, essay contests and other venues for student practice of communication skills. While the popular media competes firmly with the standard conventions taught in the college setting, students evidence an understanding of the advantages of being bi-dialectic, thus using language appropriate to the setting or context.

Mathematics. Computational adeptness is fundamental to the understanding of abstract reasoning and problem solving. Given the strong science and engineering oriented curriculum at the University, it is important to help each student to build a solid foundation of numeracy skills needed in the conduct of personal affairs as well as advanced mathematical skills needed for selected major fields of study. According to Texas Higher Education Assessment (THEA) data for students entering the University, over sixty-five percent of those requiring remediation, require it in mathematics. So severe is the problem that multiple levels of developmental math courses are offered and tutorials are made available in virtually every school/college. The shortage of certified mathematics teachers in the K-12 classroom has been cited as a primary reason for such poorly prepared students who possess ability but lack achievement in mathematics. At Prairie View A&M University, several faculty have become near legendary for their success in developing the capability through the use of graphing calculators, web-assisted course delivery, early and late day tutorials, software programs such as MAPLE and personal motivation strategies to build competence and diminish students' fear of mathematics. In one instance, a faculty member

has created a full video program that begins with basic mathematics and extends through differential equations.

Natural Sciences. Trial and error, mistake and correction are inherent in the learning of the scientific method. To grasp the nature of proofs, the evaluation of scientific thought, the interrelatedness of ideas, the formulating of hypothesis, and the uses of generalizations is to develop one's critical thinking faculties fully. It is desirable for students to experience both a lecture (theory) and laboratory (practice) in their core science courses. Due to limited facilities and faculty, the requirement was reduced to (6) SCH rather than the longstanding (8) SCH. Even so, courses are designed to provide students with some experiential learning via simulation and other methods made possible by technology. Most students enroll in biology or physical science, areas with which they are most familiar.

Humanities. (including visual and performing arts): Whether in literature, cultural studies, or the arts, the humanities are viewed as instruments of perspective, balance, reflection, and reasoned assessment of human capability, motivation, and range of behavior. One might add flexibility as a defining characteristic of the lessons taught by the humanities. As a historically black university largely populated by low-income, underserved populations, coping mechanisms for many have been gleaned from exposure to poetry, music, drama, and other forms of reflection and action that helped to analyze and interpret the meaning of life's perils and promises. Even so, too few students have an understanding of the arts and humanities representing other cultures. This is yet another area in which campus life augments the core curriculum for it is enriched by a world class thespian troupe, the Charles Gilpin Players; highly respected musical ensembles such as the Marian Anderson String Quartet which is in residence at both Prairie View A&M University and Texas A&M

University; a student literary journal, and a vast array of cultural events in which students may participate to broaden their perspective.

Social and Behavioral Sciences. Understanding change and becoming acclimated to adapting to or rejecting it for clearly defensible reasons are at the heart of a social and behavioral science education. It is important that students at Prairie View A&M University learn to differentiate between basic principles of free enterprise and comprehend the components of competition as well as the rules of the individual and government. Without exception, all professions and communities revolve around a set of beliefs, values, and attitudes. This must be understood if the graduate is to contribute substantively to a diverse society where rights, protections, and responsibilities are to be not only understood but respected. Evidence of students' maturation in this component of the core curriculum is the resurgence of interest in voting in local, state, and national elections, as well as, interest in pursuing careers in public service. In another area, student governance, it is apparent that decades of general apathy about leadership and special training for it has shown signs of waning. This has been most notable during the past three years. Over two hundred students (200) are signing up for Panther Advisor Leaders (PALS) training each summer. These young people become leading campus and community change agents.

Computing. A contemporary tool of learning, conducting work, and entertainment has impacted all of human life and will have an even greater impact in future years. Effective performance related to each of the other areas of the core curriculum—namely, communication, mathematics, natural science, humanities, and social and behavioral science—depends upon one's possessing adequate computing skills. During the 1997-2002 review cycle, the University piloted the "laptop university" concept starting in the School of

Architecture and, to a limited extent, expanded to the Colleges of Business and Nursing. Despite the rapid acceleration in student and faculty computing skills, costs to students were estimated to be too great for absorption by financial aid awards or by parents so, the University did not proceed with the plan to require all students to purchase laptops. Fortunately, as the cost per laptop continues to decline, more and more students are arriving in college with their own. Additionally, there are more than thirty laboratories on campus. Those in the library, schools and colleges, and the Memorial Student Center are available to students. Over sixty percent of the undergraduates reside on campus and some new residence halls will have access to the internet without using a dial-up feature in the Spring of 2005. Based upon assessment of usage, a full internet café featuring laptops that can be checked out for use anywhere in the five-story library will open mid Fall semester 2004.

While the computing requirement was instituted at a time when students were arriving in college with limited skills, the University has not yet elected to eliminate the requirement. It will phase in a certification of proficiency program that will allow students to “place out” if their entering computing proficiency is rated satisfactory or above.

IV. EVALUATION PROCESS AND PROCEDURES

Targeted curriculum development and review are initiated by the President, managed by the Provost and Senior Vice President for Academic and Student Affairs as well as the Deans. Actual design and shaping of the curriculum’s character is the responsibility of faculty. There is a college-wide curriculum committee supported by departmental/division committees who periodically initiate, with input from students and publics served, a review of the institutional mission, the purposes and performance of each degree program and the

core curriculum. Changes in design and content are recommended depending upon the focus of the review.

Discussions target questions that follow:

- What do students most need to know in order to qualify for college graduation, and the demands and expectations they will have as professionals, citizens, parents, community contributors, leaders, et cetera?
- What mix of courses and experiences can reasonably be expected to develop the requisite knowledge, skills, habits of mind, and perspectives essential to quality living?
- What are the general university core requirements at benchmark institutions and how do they compare with those at Prairie View A&M University?
- What additional (extended) core requirements are there for students who plan to major in degree programs in a specific department?
- How do those additional (extended) core requirements compare with those required in the same degree program at the benchmark University?

As shown in Attachment 2, the curriculum review process, adopted in 1998, features college-wide curriculum committees that synthesize the work of departmental committees; enlarge the conversation about design, outcomes, and methodologies; link input to that being generated across the University; and contribute to the recommendations to be forwarded to the University Academic Council and, finally, to the Provost who will make recommendations to the President.

V. UTILIZATION OF RESULTS TO IMPROVE THE CORE CURRICULUM

In 2001-2003, a broad cross section of faculty, staff, and administrators discussed making radical changes in the core curriculum requirements, the distribution and the delivery methods. Following instructional level administrative changes, the decision was made to postpone major changes in the core curriculum until the new administration was in place.

Since Fall 2003, attention has focused more on how instruction in core courses is being delivered, and how effectively academic enhancement programs are performing.

As indicated in Section III, analysis of the primary methods of evaluating the core curriculum have been the following:

1. Administration of the General Education Battery published by the Educational Testing Service (ETS).
2. Comparison of the University's core requirements with those of benchmark universities.
3. Encouragement of faculty to reinforce, as appropriate, the development of knowledge, skills, and habits of mind inherent in the core curriculum.
(Attachment 3)

Prairie View A&M University administered ETS General Education Battery to first time freshmen and juniors in 2001 and 2004. Disaggregated data of the core credit testing (see Attachment 4) reveals PV-FR in 2001 had a mean of 422 as compared to the PV-JR who had a mean of 446 in 2001. The PV-JR, having been exposed to the University core, scored 22 points higher than the PV-FR. PV-JR in 2004 had a mean of 435 as compared to the PV-FR who had a mean of 425 in 2004. These data reveals a 10 point gain. Whereas the academic performance of both PV-FR and PV-JR is below the performance of their counterparts in Comprehensive Institutions, the data indicates that the academic performance of PV-FR and JR is consistent with the performance trends for freshmen and juniors in comprehensive universities. Even so, the low to moderate performance is below institutional expectations and the plan described in Attachment 5 is designed to effect steady improvement.

More effective delivery of instruction appears to be the single variable with greatest potential to positively impact improved learning, thus larger gains as measured by the ETS

General Evaluation Battery and upper level faculty's rating of student's proficiency. Toward that end, the University has acquired Title III funding to establish for the first time, a Faculty Development Program featuring paid sabbaticals and instructional improvement workshops and seminars. The latter will focus on increasing student-faculty engagement in and outside the classroom and (2) infusing more technology into course design and delivery.

Effective faculty professional development must include activities for faculty members that are tied to program development which enhance their competencies as teachers and Scholars. During the 2004-2009 review process the following will guide professional development activities in an effort to:

1. Reinforce Exemplary Educational Objectives in the upper level classes to further enhance the academic achievement of PVAMU Graduates.
2. Increase faculty understanding of the concepts of Problem-Based Learning (PBL) which promotes learning through inquiry.
3. Encourage instructors at the undergraduate level to incorporate authentic assessment methods that require students to utilize and demonstrate a cluster of skills (i.e. oral expression, writing, critical thinking, technical presentation, organizational proficiency, etc.).
4. Provide workshops that focus on pedagogy and instructional methods across the campus.

Among priorities will be granting of sabbatical leave to persons who will create new teaching models that can be adopted by a department/school/college with the expectation of increasing student learning outcomes.

Because the integrity of the process and the sufficiency of the core curriculum offerings have been reaffirmed, there is not at this time a plan to eliminate or otherwise modify the content of existing courses or the concomitant outcome expectations. However,

there is a concern that the core may very well need to be expanded to (45) SCH or (48) SCH so that two (2) of the previous four (4) SCH physical activity courses will be restored. Given findings of the report, *Healthy People 2000*, failure to require students especially those of African-American and Hispanic ethnicity to engage in physical activity could increase their chances of developing chronic diseases including but not limited to diabetes, hypertension, osteoporosis, heart disease, and certain types of cancers.

Given the conclusion that lower than acceptable scores on the ETS General Education Battery are directly related to inadequate reading skill development and limited exposure to a broad array of types of reading materials, it has been proposed that a one (1) SCH course similar to the course defined by THECB as the "learning framework course," be added as a strategy to strengthen reading substantially. Other plans for improving the core curriculum are imbedded in the plan included in Attachment 5 for continued review and feature the following additional methods of evaluating the core curriculum: (1) self-reports of perceptions of general education by exiting graduates; (2) post graduation reports on general education proficiency of graduates; (3) surveys of faculty's assessments of students' level of proficiency upon entering upper level courses; (4) surveys of employers' and graduate/professional schools' assessments of graduates' proficiency in general education related competencies; and (5) aggregation and monitoring of general education assessments by specialized accrediting agencies.

As we move into the 21st Century, both continuity and change are required to prepare degree recipients who are skilled academically, personally and socially. Graduates in the years ahead must be able to react creatively to cultural, racial, and gender-based diversity, and to cope effectively with problems and potentialities stemming from technological

advances and environmental crises. As the rate of change accelerates, colleges and universities must evaluate and assess learning outcomes of graduates to ensure that they obtain a liberal education that gives them both a sense of tradition and a connection to core values that tend to remain constant. Competence in dealing with newly-arising challenges will be non-negotiable as today's college graduates prepare for several changes and myriad socio-cultural challenges.

There is no single way to assess student learning. But student learning outcomes assessment informs curriculum change by directing the reviewer to values, knowledge, abilities, and skills to look for in students' work. Outcomes that matter most require multiple assessment strategies.

During the 2004-2009 review cycle, Prairie View A&M University will use as a general assessment framework the principles of good assessment practice set forth by the *American Association for Higher Education (AAHE)*. The AAHE principles, which provide an excellent framework for thinking about assessment follow:

1. The assessment of student learning begins with educational values.
2. Assessment is most effective when it reflects an understanding of learning as multidimensional, integrated, and revealed in performance over time.
3. Assessment works best when the programs it seeks to improve have clear, explicitly stated purposes.
4. Assessment requires attention to outcomes but also and equally to the experiences that lead to those outcomes.
5. Assessment works best when it is ongoing, not episodic.
6. Assessment fosters wider improvement when representatives from across the educational community are involved.
7. Assessment makes a difference when it begins with issues of use and illuminates questions that people really care about.
8. Assessment is most likely to lead to improvement when it is part of a larger set of conditions that promote change.
9. Through assessment, educators meet responsibilities to students and to the public.

The standard techniques that follow and that are reflected in the plan in Attachment 5 will be useful for assessing student learning outcomes and ensuring mastery of Exemplary Educational Objectives at Prairie View A&M University: student portfolios; videotapes of performances; capstone courses; exit interviews or surveys of seniors; surveys of alumni; surveys of employers; internship evaluations; examinations; standardized and certification exams.

ATTACHMENT I
CORE CURRICULUM MATRIX

Prairie View A&M University

Core Curriculum Matrix

Chart I – 36 SCH		
Core Course by Component Area	Course Equivalent	Exemplary Educational Objectives
<p>Communication (6-SCH) <i>(Composition, Speech, Modern Language)</i> ENGL 1123 Freshman Composition ENGL 1133 Freshman Composition II ENGL 1143 Technical Writing ENGL 2143 Advanced Composition</p>	<p>ENGL 1301, 1304 ENGL 1032 ENGL 2311, 2314, 2315 ENGL 1313</p>	<p>Communications (composition, speech, modern language) The objective of a communication component of the core curriculum is to enable the student to communicate effectively in clear and correct prose in a style appropriate to the subject, occasion, and audience.</p> <p><u>Exemplary Educational Objectives</u></p> <ol style="list-style-type: none"> a. to understand and demonstrate the writing and speaking processes through invention, organization, drafting, revision, editing, and presentation; b. to understand the importance of specifying audience and purpose and to select appropriate communication choices; c. to understand and appropriately apply modes of expression, i.e., descriptive, expository, narrative, scientific, and self-expressive, in written and oral communication; d. to apply the principles of communicating as process and the analysis of audience and purpose to assignments; e. to participate effectively in groups with emphasis on listening, critical and reflective thinking, and responding; f. to understand and apply basic principles of critical thinking, problem solving, and technical proficient in the development of exposition and argument; and g. to develop the ability to research and write a documented paper and/or to give and oral presentation.

Chart I – 36 SCH

Core Course by Component Area	Course Equivalent	Exemplary Educational Objectives
<p>Mathematics (3-SCH)</p> <p>Options: MATH 1113 College Algebra MATH 1123 Trigonometry MATH 1124 Calculus and Geometry I MATH 1153 Finite Math MATH 2003 Elementary Statistics MATH 2024 Calculus and Analytical Geometry II MATH 2034 Calculus and Analytical Geometry III; or a course above the level of College Algebra.</p>	<p>Options: MATH 1314, 1316, 1324, 1342, 1348, 1442, 2314, 2313, 2320, 2318, 2305, 2312, 2315, 2316, 2412, 2414, 2415, 2413, and 2513.</p>	<p>Mathematics The objective of the mathematics component of the core curriculum is to develop a quantitatively literate college graduate. Every college graduate should be able to apply basic mathematical tools in the solutions of real-world problems.</p> <p>Exemplary Educational Objectives</p> <ol style="list-style-type: none"> a) to apply arithmetic, algebraic, geometric, and statistical methods to modeling and solving real-world problems; b) to represent and evaluate basic mathematical information numerically, graphically, and analytically; c) to expand mathematical reasoning skills and develop convincing mathematical arguments; d) to use appropriate technology to enhance mathematical thinking and understanding and to solve mathematical problems and judge the reasonableness of the results; e) to interpret mathematical models such as formulas, graphs, tables and schematics, and draw inferences from them; f) to recognize the limitations of mathematical and statistical models; g) to develop the view that mathematics is a growing discipline, interrelated with human culture, and understand its connections to other disciplines.

Chart I – 36 SCH

Core Course by Component Area	Course Equivalent	Exemplary Educational Objectives
<p>Natural Sciences (6-SCH) Options: Two semesters of science in Chemistry, Physics, Physical Science, Biology or a combination of 3 semester hours each from any two of the science options. Six (6) semester hours of sequential courses in Biology, Science, or Geology BIOL 1113 Biology CHEM 1013 General Inorganic Chemistry I CHEM 1023 General Inorganic Chemistry II CHEM 1053 Introduction to General Chemistry CHEM 1063 Organic Chemistry PHSC 1123 Physical Science PHYS 2013 Engineering Physics I PHYS 2023 Engineering Physics II PHYS 2014 General Physics I PHYS 2024 General Physics II</p>	<p>BIOL 1305 CHEM 1143 CHEM 1243 CHEM 1103 CHEM 1203 PHYS 1315 PHYS1405 PHYS1402 PHYS 2425 PHYS 2426</p>	<p>Natural Sciences The objective of the study of the natural sciences component of the core curriculum is to enable the student to understand, construct, and evaluate empirical relationships in the natural sciences, and to enable the student to understand the bases for theory-building and testing.</p> <p>Exemplary Educational Objectives</p> <ul style="list-style-type: none"> a) to understand and apply the empirical method to the study of natural sciences; b) 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. c) to identify and recognize the differences among competing scientific models of the universe; d) to demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics and values; and e) to demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.

Chart I – 36 SCH

Core Course by Component Area	Course Equivalent	Exemplary Educational Objectives
<p>Humanities and Visual and Performing Arts (6SCH) <i>Humanities Options (0-3)</i> DRAM 2213 Afro American Theatre I DRAM 2223 Afro American Theatre II ENGL 2153 Introduction to Literature ENGL 2263 English Literature I ENGL 2273 English Literature II MUSC 1223 Fundamentals of Music MUSC 2333 Afro American Music PHIL 2013 Introduction to Philosophy PHIL 2023 Ethics Other Options: A 3 SCH language or literature course. Conversational language courses are not acceptable for Humanities credit.</p> <p><i>Visual and Performing Arts Options (3-6)</i> ARCH 1253 Arch Design I ARCH 2233 History of Arch I ARCH 2243 History of Arch II ARTS 1203 Introduction to Visual Arts ARTS 2223 History of Art I ARTS 2233 History of Art II ARTS 2283 Afro-American Art DRAM 1103 Introduction to Theater DRAM 2113 Theatre History I DRAM 2123 Theatre History II DESN 1123 Design II DESN 2113 Design Illustration MUSC 1313 Music in Contemporary Life MUSC 1213 Fundamentals of Music</p>	<p>ENGL 2321 ENGL 2322 ENGL 2323 MUSI 1302</p> <p>PHIL 1301 PHIL 2306</p> <p>ARCH 1303 ARCH 1301 ARCH 1302 HUMA 1315 ARTS 1303 ARTS 1304</p> <p>DRAM 1310 DRAM 2361 DRAM 2362 ARTS 1312 ARTS 2311 MUSI 1301 MUSC 1306</p>	<p>Humanities and Fine Arts The objective of the humanities and fine arts in the core curriculum is to expand students' knowledge of the human condition and human cultures, especially in relation to behavior, ideas, and values expressed in works of human imagination and thought. Through study in disciplines such as literature, philosophy, and fine arts, students will engage in critical analysis, form aesthetic judgments, and develop an appreciation of the arts and humanities as fundamental to the health and survival of any society. Students should have experiences in both the arts and humanities.</p> <p><u>Exemplary Educational Objectives</u></p> <ul style="list-style-type: none"> a) to demonstrate awareness of the scope and variety of works in the arts and humanities; b) to understand those works as expressions of individual and human values within an historical and social context; c) to respond critically to works in the arts and humanities; d) to engage in the creative process or interpretive performance and comprehend the physical and intellectual demands required of the writer or artist; e) to articulate an informed personal reaction to works in the arts and humanities; f) to develop an appreciation for the aesthetic principles that guide or govern the humanities and arts; g) to demonstrate knowledge of the influence of literature, philosophy, and/or the arts on cross-cultural interactions.

Chart I – 36 SCH

Core Course by Component Area	Course Equivalent	Exemplary Educational Objectives
<p>Social and Behavioral Sciences (15-SCH) <i>History (6-SCH)</i> Options: HIST 1313 U.S. to 1876 HIST 1323 U.S. 1876 to Present Or a combination of 3 semester hours each in U.S. and Texas History.</p> <p>HIST 1301, 1302, 2301</p> <p><i>Political Science (6-SCH)</i> Options: POSC 1113 American Government I POSC 1123 American Government II Or a combination of 3 semester hours each in American and Texas Government.</p> <p>GOVT 2301 GOVT 2302</p>		<p>Social and Behavioral Science The objective of a social and behavioral science component of the core curriculum is to increase students' knowledge of how historians and social and behavioral scientists discover, describe, and explain the behaviors and interactions among individuals, groups, institutions, events, and ideas.</p> <p><u>Exemplary Educational Objectives</u></p> <ul style="list-style-type: none"> a) to employ the methods and data that historians and social and behavioral scientist use to investigate the human condition; b) to examine social institutions and processes across a range of historical periods and cultures; c) to use and critique alternative explanatory systems or theories; d) to develop and communicate alternative explanations or solutions for contemporary social issues; e) to analyze the effects of social, political, economic, cultural, and diplomatic forces on the area under study f) 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, civil and human rights; g) to understand the evolution and current state of the role of the United States in the world; h) to differentiate and analyze historical evidence (documentary and statistical) and differing historical points of view; i) to recognize and apply reasonable criteria for the acceptability of historical evidence; j) to understand and identify commonalities in a diverse culture.

Chart I – 36 SCH

Core Course by Component Area	Course Equivalent	Exemplary Educational Objectives
<p>Social and Behavioral Sciences (Cont'd)</p> <p><i>Other Behavioral or Social Science (3SHC)</i></p> <p>CRJS 1123 Crime in America CRJS 1133 Principles of Criminal Justice CRJS 1223 Prevention and Control ECON 2113 Principles of Microeconomics ECON 2123 Principles of Macroeconomics GEOG 2633 Cultural Geography HIST 1813 Survey of Civilization to 1500 HIST 1823 Survey of Civilization 1500 to Present HDFM 2513 Childhood Disorders HDFM 2533 Contemporary Family in Cross Cultural Perspective HDFM 2553 Human Development POSC 2213 Blacks in American Political System POSC 2503 Introduction to Global Issues PSYC 1113 General Psychology PSYC 2213 Mental Hygiene PSYC 2323 Child Psychology PSYC 2413 Fundamentals of Statistics I</p>	<p>CRIJ 1301 CRIJ 1308 ECON 2302 ECON 2301 GEOG 1301 HIST 2321 HIST 2322</p> <p>SOCI 2301 PSYC 2312</p> <p>PSYC 2301 PSYC 2321 PSYC 2308 PSYC 2317</p>	<p>k) to analyze, critically assess, and develop creative solutions to public policy problems;</p> <p>l) 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;</p>

**Prairie View A&M University
Core Curriculum Matrix**

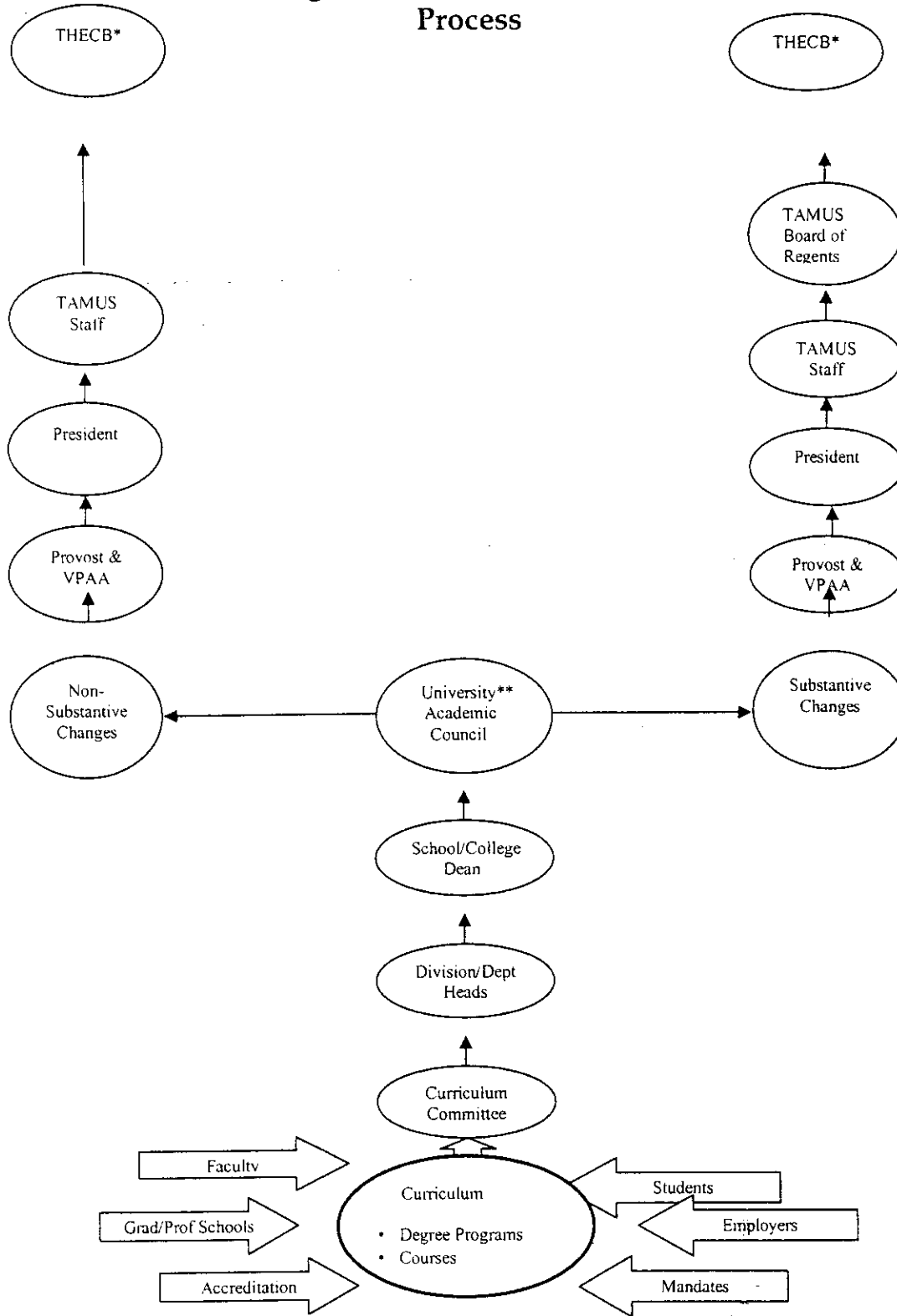
Chart II – 6 SCH		
Core Course by Component Area	Course Equivalent	Exemplary Educational Objectives
<p>Communication (3-SCH) <i>(Composition, Speech, Modern Language)</i> SPCH 1003 Fundamentals of Speech Communication</p>	<p>SPCH 1315, 1316</p>	<p>Communications (composition, speech, modern language) The objective of a communication component of the core curriculum is to enable the student to communicate effectively in clear and correct prose in a style appropriate to the subject, occasion, and audience.</p> <p><u>Exemplary Educational Objectives</u></p> <ol style="list-style-type: none"> a. to understand and demonstrate the writing and speaking processes through invention, organization, drafting, revision, editing, and presentation; b. to understand the importance of specifying audience and purpose and to select appropriate communication choices; c. to understand and appropriately apply modes of expression, i.e., descriptive, expository, narrative, scientific, and self-expressive, in written and oral communication; d. to apply the principles of communicating as process and the analysis of audience and purpose to assignments; e. to participate effectively in groups with emphasis on listening, critical and reflective thinking, and responding; f. to understand and apply basic principles of critical thinking, problem solving, and technical proficient in the development of exposition and argument; and g. to develop the ability to research and write a documented paper and/or to give and oral presentation.

Chart II – 6 SCH

Core Course by Component Area	Course Equivalent	Exemplary Educational Objectives
<p>Computing (3-SCH) ARCH 1273 Introduction to Multimedia Computing COMP 1003 Introduction to Computer Education COMP 1013 Introduction to Computer Science COMP 1143 C++ Programming Language COMP 1213 Computer Science I CPET 1013 Computer Application to Engineering Technology I ELEG 1043 Computer Applications in Engineering MISY 1013 Introduction to Management Information Systems MISY 2153 Structured Programming</p>	<p>ARCH 1315 COSC 1300 COSC 1301 COSC 1301 COSC 1300 COSC 1300 COSC 1300 BCIS 1301 BCIS 1332</p>	<p>Computing (Computer Literacy) The objective of computing in the core curriculum is to ensure that graduates are able to use computer technology to communicate, solve problems, and acquire information.</p> <p><u>Exemplary Educational Objectives</u></p> <ul style="list-style-type: none"> a) to communicate and demonstrate knowledge of different types of operating systems, hierarchical files, and directory structures; b) to publish a document which incorporates appropriate design and uses standard formatting tools (tabs, margin setting, document formatting, headers and footers); c) to publish a document that utilized information imported from other sources; d) to know several different formats (table, charts and graphs, graphics, and mail merge); e) to create a spreadsheet document which incorporates tables and graphs (line, pie, bar, X-Y scatter); f) to create a presentation slide using a presentation software (e.g. PowerPoint); g) to create multimedia projects using a variety of tools and media with increasingly sophisticated linking of ideas; h) to understand online information access via TCP/IP, ftp, Archie, html, www; i) to navigate independently through the Internet to locate resources; j) to navigate the Internet using World Wide Web search engines; k) to create a simple World Wide Web page which includes at least one graphic, text and link to another Internet site; l) to understand e-mail tools such as integrated mail program (Netscape, Explorer, Eudora); m) to know what computers can and cannot do as spreadsheets.

ATTACHMENT II
CURRICULUM REVIEW PROCESS

Undergraduate Curriculum Change Process



*The Higher Education Coordinating Board (THECB)
 **Until 1984, the University Academic Council was known as the Educational Policies Committee

STANDARD COURSE SYLLABUS CONTENT AND ATTACHMENTS

ATTACHMENT III

PRAIRIE VIEW A&M UNIVERSITY

STANDARD COURSE SYLLABUS CONTENTS AND ATTACHMENTS

Effective 9/1/00

- ◆ Instructor's name, campus address, telephone no., e-mail
- ◆ Instructor's office hours (Full-and part-time faculty must post hours)
- ◆ Pre-requisites notation (if applicable)
- ◆ Purpose and objectives of course
- ◆ Course Content (Topics)
- ◆ Outcomes for students

Ex. Upon completing ENGL 9999, the student,
 given x (conditions) will be able to perform
 Y at designated (?) level of competence.

IMPORTANT!!

The core curriculum has the following content components: Communications, Social and Behavioral Science, Mathematics, Natural Sciences, Humanities and Fine Arts. In 3000 and 4000 level courses, highlight in the course syllabus those components developed and/or strengthened in students. Highlight objectives and/or class assignments that are designed to impact student learning in the core curriculum content area (See: Undergraduate Catalog, 1998-2001, pp. 114-117).

- ◆ Grading policy (specify each major assignment/examination and weighting in total grade).
- ◆ Textbooks, other required materials; bibliography (including key websites)
- ◆ Student Class Attendance Policy
- ◆ Student Academic Appeals Process (undergraduate catalog, 1998-2001, pp. 88-91)
- ◆ Calendar (Fall 1999)

Last date to apply for Fall 2000 graduation	OCTOBER 2, 2000
Last date to withdraw from classes with automatic "W"	NOVEMBER 6, 2000
Last date to pay at least 50% of tuition and fees for Fall, 2000	SEPTEMBER 25, 2000

APPROVAL RECOMMENDED:

APPROVED:

 E. Joahanne Thomas-Smith
 Provost and Vice President for
 Academic Affairs

 Charles A. Hines, Ph.D.
 President

 Seab Smith, President
 Faculty Senate

ATTACHMENT IV

ETS TESTING ACADEMIC PROFILE (2001-2004 RESULTS)

**Prairie View A&M University
Comparison of PVAMU Freshmen to Juniors
And other Comprehensive Institutions**

Core Credit Testing Evaluation

Possible Score Range: 400 to 500

2004

(FT FR-comp 50 schools; FR comp n=12,118; SO comp=6,352; JR comp n=9,275; SR comp n=9,275)

Sample Group- MEANS	2001 PV MEANS BY LEVEL	2001 Comprehensiv e Inst. - MEANS BY LEVEL	2004 PV MEANS BY LEVEL	2004 Comprehensive MEANS BY LEVEL	2004 PV 25th percentil e	2004 PV 50th percentil e	2004 PV 75th percentil e
04-First-time Freshmen: n=22	422	444	425	439	418	425	433
04-Freshmen: n=273	422	444	429	440	421	427	436
04-Sophomore: n=45			440	444	430	438	450
04-Junior: n=168	446	449	435	445	423	433	444
04-Senior: n=37			444	445	431	443	454

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
IERA/isfile:PVAMU/Testing/041-ets-testeval
Sophomores, Juniors and Seniors were combined in the 2001 testing.
All levels broken out in 2004 testing.

ACADEMIC PROFILE

PVAMU Freshmen With Comprehensive Institutions Comparisons

Possible Score Range: 100 - 130

2004

(FT FR-comp 50 schools; FR comp n=12,118; SO comp=6,352; JR comp n=9,275; SR comp n=9,275)

First-Time Freshmen N=22	2001 PV MEANS BY LEVEL	2001 Comprehensiv e Inst. - MEANS BY LEVEL	2004 PV MEANS BY LEVEL	2004 Comprehensive MEANS BY LEVEL	2004 PV 25th percentil e	2004 PV 50th percentil e	2004 PV 75th percentil e
Skills Dimension Subscores:							
Critical Thinking	105	111	106	109	103	106	109
College Level Reading	109	118	112	117	108	111	116
College Level Writing	109	115	110	113	106	111	113
Using Mathematical Data	109	114	110	113	105	110	115
Academic Area Subscores:							
Humanities	107	115	111	113	107	110	114
Social Sciences	107	113	108	112	107	108	111
Natural Sciences	109	116	111	114	107	111	113

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 IERA/isfile:PVAMU/Testing/041-cts-testeval
 Sophomores, Juniors and Seniors were combined in the 2001 testing.
 All levels broken out in 2004 testing.

ACADEMIC PROFILE
 PVAMU Freshmen
 With Comprehensive Institutions Comparisons

Possible Score Range: 100 - 130

2004

(FT FR-comp 50 schools; FR comp n=12,118; SO comp=6,352; JR comp n=9,275; SR comp n=9,275)

Freshmen N=273	2001 PV MEANS BY LEVEL	2001 Comprehensiv e Inst. - MEANS BY LEVEL	2004 PV MEANS BY LEVEL	2004 Comprehensive MEANS BY LEVEL	2004 PV 25th percentil e	2004 PV 50th percentil e	2004 PV 75th percentil e
Skills Dimension Subscores:							
Critical Thinking	105	111	106	110	103	106	109
College Level Reading	109	118	114	118	108	114	119
College Level Writing	109	115	112	114	109	111	114
Using Mathematical Data	109	114	110	114	107	110	113
Academic Area Subscores:							
Humanities	107	115	111	114	107	110	114
Social Sciences	107	113	109	113	105	108	112
Natural Sciences	109	116	111	115	107	110	115

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 Sophomores, Juniors and Seniors were combined in the 2001 testing.

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 IERA/isfile:PVAMU/Testing/041-ets-testeval
 Sophomores, Juniors and Seniors were combined in the 2001 testing.
 All levels broken out in 2004 testing.

ACADEMIC PROFILE
 PVAMU Sophomore
 With Comprehensive Institutions Comparisons

Possible Score Range: 100 - 130

2004

(FT FR-comp 50 schools; FR comp n=12,118; SO comp=6,352; JR comp n=9,275; SR comp n=9,275)

Sophomore N=45	2001 PV MEANS BY LEVEL	2001 Comprehensiv e Inst. - MEANS BY LEVEL	2004 PV MEANS BY LEVEL	2004 Comprehensive MEANS BY LEVEL	2004 PV 25th percentil e	2004 PV 50th percentil e	2004 PV 75th percentil e
Skills Dimension Subscores:							
Critical Thinking	N/A	N/A	109	112	104	108	112
College Level Reading	N/A	N/A	118	118	114	117	123
College Level Writing	N/A	N/A	114	114	112	114	116
Using Mathematical Data	N/A	N/A	113	113	109	113	118
Academic Area Subscores:							
Humanities	N/A	N/A	114	114	110	114	118
Social Sciences	N/A	N/A	112	112	107	112	116
Natural Sciences	N/A	N/A	114	114	110	113	118

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 Sophomores, Juniors and Seniors were combined in the 2001 testing.

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 IERA/isfile:PVAMU/Testing/041-ets-testeval
 Sophomores, Juniors and Seniors were combined in the 2001 testing.
 All tests taken out in 2004 testing.

ACADEMIC PROFILE
 PVAMU Junior
 With Comprehensive Institutions Comparisons

Possible Score Range: 100 - 130

2004

(FT FR-comp 50 schools; FR comp n=12,118; SO comp=6,352; JR comp n=9,275; SR comp n=9,275)

Junior N=168	2001 PV MEANS BY LEVEL	2001 Comprehensiv e Inst. - MEANS BY LEVEL	2004 PV MEANS BY LEVEL	2004 Comprehensive MEANS BY LEVEL	2004 PV 25th percentil e	2004 PV 50th percentil e	2004 PV 75th percentil e
Skills Dimension Subscores:							
Critical Thinking	110	113	107	111	104	106	111
College Level Reading	118	120	116	119	111	116	120
College Level Writing	116	117	113	115	109	113	116
Using Mathematical Data	114	115	112	114	108	111	115
Academic Area Subscores:							
Humanities	114	116	112	115	109	113	114
Social Sciences	114	115	110	114	107	110	115
Natural Sciences	116	118	112	115	109	113	116

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 Sophomores, Juniors and Seniors were combined in the 2001 testing.

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 IERA/isfile:PVAMU/Testing/041-cts-testeval
 Sophomores, Juniors and Seniors were combined in the 2001 testing.
 All levels broken out in 2004 testing.

ACADEMIC PROFILE
 PVAMU Senior
 With Comprehensive Institutions Comparisons

Note: FYI only- not a valid sample.

Possible Score Range: 100 - 130

2004

(FT FR-comp 50 schools; FR comp n=12,118; SO comp=6,352; JR comp n=9,275; SR comp n=9,275)

Other N=4	2001 PV MEANS BY LEVEL	2001 Comprehensiv e Inst. - MEANS BY LEVEL	2004 PV MEANS BY LEVEL	2004 Comprehensive MEANS BY LEVEL	2004 PV 25th percentil e	2004 PV 50th percentil e	2004 PV 75th percentil e
Skills Dimension Subscores:							
Critical Thinking	N/A	N/A	116		115	116	123
College Level Reading	N/A	N/A	118		112	125	130
College Level Writing	N/A	N/A	112		109	112	118
Using Mathematical Data	N/A	N/A	116		115	118	118
Academic Area Subscores:							
Humanities	N/A	N/A	119		114	122	124
Social Sciences	N/A	N/A	116		112	121	125
Natural Sciences	N/A	N/A	116		115	116	126

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 Sophomores, Juniors and Seniors were combined in the 2001 testing.

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 IERA/isfile:PVAMU/Testing/041-cts-testeval
 Sophomores, Juniors and Seniors were combined in the 2001 testing.
 All levels broken out in 2004 testing

ACADEMIC PROFILE
 PVAMU Senior
 With Comprehensive Institutions Comparisons

Possible Score Range: 100 - 130

2004 (FT FR-comp 50 schools; FR comp n=12,118; SO comp=6,352; JR comp n=9,275; SR comp n=9,275)

Senior N=37	2001 PV MEANS BY LEVEL	2001 Comprehensiv e Inst. - MEANS BY LEVEL	2004 PV MEANS BY LEVEL	2004 Comprehensive MEANS BY LEVEL	2004 PV 25th percentil e	2004 PV 50th percentil e	2004 PV 75th percentil e
Skills Dimension Subscores:							
Critical Thinking	N/A	N/A	110		106	109	116
College Level Reading	N/A	N/A	120		117	122	125
College Level Writing	N/A	N/A	114		112	114	118
Using Mathematical Data	N/A	N/A	113		110	113	118
Academic Area Subscores:							
Humanities	N/A	N/A	116		110	117	122
Social Sciences	N/A	N/A	113		110	112	121
Natural Sciences	N/A	N/A	115		111	116	119

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 Sophomores, Juniors and Seniors were combined in the 2001 testing.

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 IERA/isfile:PVAMU/Testing/041-ets-testeval
 Sophomores, Juniors and Seniors were combined in the 2001 testing.
 All levels broken out in 2004 testing.

ACADEMIC PROFILE
 PVAMU Summary of Scores
 With Comprehensive Institutions Comparison

Possible Score Range: Mean = 400-500
 Academic/Skills = 100-130

2004 (FT FR-comp 50 schools; FR comp n=12,118; SO comp=6,352; JR comp n=9,275; SR comp n=9,275)

Number of Students Tested: N = 549	2001 PV MEANS BY LEVEL	2001 Comprehensive Inst. - MEANS BY LEVEL	2004 PV MEANS BY LEVEL	2004 Comprehensive MEANS BY LEVEL	2004 PV 25th percentile	2004 PV 50th percentile	2004 PV 75th percentile
Total Score	N/A	N/A	433	444	422	431	441
Skills Dimension Subscores:							
Critical Thinking	N/A	N/A	107	111	103	106	109
College Level Reading	N/A	N/A	115	118	110	116	119
College Level Writing	N/A	N/A	112	114	109	112	115
Using Mathematical Data	N/A	N/A	111	114	107	110	115
Academic Area Subscores:							
Humanities	N/A	N/A	112	115	107	110	114
Social Sciences	N/A	N/A	110	113	107	110	112
Natural Sciences	N/A	N/A	112	115	107	111	115

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 Sophomores, Juniors and Seniors were combined in the 2001 testing.

ACADEMIC PROFILE PROFICIENCY LEVELS

PVAMU Freshmen to Juniors

Range 100 - 130

CUMULATIVE SUMMARY

Sample Group- percentages	PV Freshmen N=195	PV Juniors N=79
WRITING:		
Level 1 Not Reached	51	18
At Least at Level 1	49	82
At Least at Level 2	7	39
At Least at Level 3	1	14
MATH:		
Level 1 Not Reached	54	23
At Least at Level 1	46	77
At Least at Level 2	12	41
At Least at Level 3	1	10
READING/CRIT. THINKING COMBINED:		
Level 1 Not Reached	57	15
At Least at Level 1	43	85
At Least at Level 2	4	42
At Least at Level 3	0	6

NOTE: Entering Freshmen and Freshmen were combined in the 2001 testing.
 IERA/isfile:PVAMU/Testing/041-cts-testeval
 Sophomores, Juniors and Seniors were combined in the 2001 testing.
 All levels broken out in 2004 testing.

ATTACHMENT V
PLAN FOR ONGOING CORE CURRICULUM EVALUATION

Prairie View A&M University

Plan for Ongoing Core Curriculum Evaluation

2004 – 2009

Evaluation Protocol	Core Component and Schedule of Review					
	Communications <i>(Composition and Speech)</i>	Mathematics	Natural Sciences	Humanities and Visual and Performing Arts	Social and Behavioral Sciences	Computing
Align content of primary core courses with expected outcome knowledge and skills	Fall – Spring 2004 - 2005	Fall – Spring 2004 – 2005	Fall – Spring 2004 - 2005	Fall – Spring 2004 - 2005	Fall – Spring 2004 - 2005	Align with requirements for certification of proficiencies
Compare core with benchmark universities	Spring 2005	Spring 2005	Spring 2005	Spring 2005	Spring 2005	Spring 2005
Re-administer to freshman and juniors the General Education Battery published by Educational Testing Services	Fall 2005 – 2006	Fall 2005	Fall 2005	Fall 2005	Fall 2005	Create other measure by Fall 2006
Identify course knowledge and skills to be reinforced in non-core 2000, 3000, and 4000 level courses	Spring 2005	Spring 2005	Spring 2005	Spring 2005	Spring 2005	Spring 2005
Obtain graduating seniors' self-reported perception of general education proficiency	Concurrent with December, May, August degree completion	Concurrent with December, May, August degree completion	Concurrent with December, May, August degree completion	Concurrent with December, May, August degree completion	Concurrent with December, May, August degree completion	Concurrent with December, May, August degree completion

Prairie View A&M University
 Plan for Ongoing Core Curriculum Evaluation
 2004 – 2009

Evaluation Protocol	Core Component and Schedule of Review					
	Communications <i>(Composition and Speech)</i>	Mathematics	Natural Sciences	Humanities and Visual	Social and Behavioral Sciences	Computing
Obtain from faculty of upper level core related course their assessment of students' preparedness for advanced coursework	Fall 2004	Fall 2004	Fall 2004	Fall 2004	Fall 2004	Fall 2004
Aggregate and monitor general education proficiency ratings by specialized accrediting agencies	Per accrediting cycle	Per accrediting cycle	Per accrediting cycle	Per accrediting cycle	Per accrediting cycle	Per accrediting cycle