

**Preliminary Aggregate Results**

**of**

**Core Curriculum Proficiency Surveys**

**of**

**Prairie View A&M University's**  
**Fall 2004 Bachelor's Degree Recipients**

<b>Part A. Communication:</b> How confident do you feel you have been prepared to ...						
	<b>5 Very Strong</b>	<b>4 Strong</b>	<b>3 Average</b>	<b>2 Fair</b>	<b>1 Poor</b>	<b>NR</b>
1. Write effectively in a clear and correct style appropriate to the subject, occasion, and audience.	.52	.36	.09	.02	.01	
2. Work effectively in groups and display effective listening, reflective thinking, and responding skills.	.68	.25	.06		.01	
3. Effectively research and write a documented paper and/or give an oral presentation on a specific topic.	.58	.31	.10		.01	
4. Speak clearly and effectively.	.62	.28	.08	.005	.01	.005

NR = No response

<b>Part B. Mathematics:</b> How confident do you feel you have been prepared to ...						
	<b>5 Very Strong</b>	<b>4 Strong</b>	<b>3 Average</b>	<b>2 Fair</b>	<b>1 Poor</b>	<b>NR</b>
5. apply basic mathematical tools to the solutions of real-world problems.	.39	.34	.21	.04	.02	.005
6. represent and evaluate basic mathematical information numerically, graphically, and analytically.	.28	.39	.28	.03	.01	.005
7. utilize mathematical reasoning skills and develop convincing mathematical arguments.	.24	.35	.34	.05	.02	.005
8. use appropriate technology to enhance mathematical thinking and understanding, to solve mathematical problems and judge the reasonableness of the results.	.26	.38	.30	.09	.02	.005
9. interpret mathematical models such as formulas, graphs, tables and schematics, and draw inferences from them.	.35	.31	.30	.03	.02	.005

NR = No response

<b>Part C. Computing:</b>						
How confident do you feel you have been prepared to ...						
	<b>5 Very Strong</b>	<b>4 Strong</b>	<b>3 Average</b>	<b>2 Fair</b>	<b>1 Poor</b>	<b>NR</b>
10. use computer technology to communicate, solve problems, and acquire information.	.51	.35	.11	.01	.01	.005
11. communicate and demonstrate knowledge of different types of operating systems, hierarchical files, and directory structures; to publish a document which incorporates appropriate design and uses standard formatting tools (tabs, margin setting, document formatting, headers and footer).	.46	.36	.14	.03	.01	.005
12. create a spreadsheet document which incorporates tables and graphs (line, pie, bar, X-Y scatter).	.49	.28	.17	.04	.01	.005
13. create a presentation slide using presentation software (e.g., Power Point).	.65	.22	.08	.03	.02	.005
14. create multimedia projects using a variety of tools and media with increasingly sophisticated linking of ideas.	.47	.33	.16	.03	.02	.005

NR = No response

15. understand online information access via TCP/IP, ftp, Archie, html, www.	.49	.26	.16	.05	.03	.01
16. navigate independently through the Internet to locate resources.	.79	.13	.06		.01	.005
17. navigate the Internet using World Wide Web search engines.	.79	.13	.07		.01	.005
18. create a simple World Wide Web page which includes at least one graphic, text and link to another Internet site.	.42	.20	.20	.08	.09	.01
19. understand e-mail tools such as integrated mail program (Netscape, Explorer, Eudora).	.66	.19	.10	.02	.02	

NR = No response

<b>Part D. Natural Sciences:</b> How confident do you feel you have been prepared to ...						
	<b>5 Very Strong</b>	<b>4 Strong</b>	<b>3 Average</b>	<b>2 Fair</b>	<b>1 Poor</b>	<b>NR</b>
20. recognize scientific and quantitative methods and understand the differences between these approaches and other methods of inquiry to communicate findings, analyses, and interpretation both orally and in writing.	.24	.49	.21	.04	.01	.005
21. identify and recognize the differences among competing scientific models of the universe.	.19	.44	.29	.06	.02	.005
22. demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics and values.	.26	.45	.24	.03	.01	.005
23. demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.	.26	.43	.25	.04	.01	.005

NR = No response

**Part E. Humanities and Visual and Performing Arts:**

How confident do you feel you have been prepared to ...

	<b>5 Very Strong</b>	<b>4 Strong</b>	<b>3 Average</b>	<b>2 Fair</b>	<b>1 Poor</b>	<b>NR</b>
24. understand and demonstrate a knowledge of the human condition and human cultures, especially in relation to behavior, ideas, and values expressed in works of human imagination and thought.	.52	.38	.08		.01	.01
25. display an appreciation for the aesthetic principles that guide or govern the humanities and arts.	.39	.44	.13	.01	.01	.01
26. demonstrate knowledge of the influence of literature, philosophy, and/or the arts on cross-cultural interactions.	.39	.44	.12	.03	.01	.01

NR = No response

<b>Part F. Social and Behavioral Science:</b>						
How confident do you feel you have been prepared to ...						
	<b>5 Very Strong</b>	<b>4 Strong</b>	<b>3 Average</b>	<b>2 Fair</b>	<b>1 Poor</b>	<b>NR</b>
27. differentiate and analyze historical evidence (documentary and statistical) and differing historical points of view.	.30	.42	.23	.03	.005	.005
28. examine social institutions and processes across a range of historical periods and cultures.	.31	.45	.21	.05	.02	.005
29. use and critique alternative explanatory systems or theories.	.31	.39	.24	.03		.05
30. develop and communicate alternative explanations or solutions for contemporary social issues.	.34	.40	.22	.03	.005	.005
31. 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.	.32	.38	.24	.04	.05	.005

NR = No response



32. understand the evolution and current state of the role of the United States in the world.	.35	.44	.18	.03	.005	.005
33. recognize and assume your responsibility as a citizen in the democratic society by thinking for yourself and by engaging in public discourse and obtaining information through the news media and other appropriate information sources about politics and public policy.	.48	.39	.10	.03		.005

### Part G. Demographic Information

<b>Ethnicity</b>	
Black/Non-Hispanic	.90
White/Non-Hispanic	.05
Hispanic	.04
Asian/Pacific Islander	
American Indian/Alaskan Native	
Non-Resident Aliens/Foreign Nationals	
Other	.005
NR	.01

<b>Gender</b>	
Male	.67
Female	.32
NR	.005

NR = No response

<b>Age</b>	
20-25	.85
26-30	.06
31-35	.03
36-39	.03
40 or above	.02
NR	.01

<b>Are you the first in your immediate family to graduate from college?</b>	<b>YES</b>	<b>NO</b>
	<b>.40</b>	<b>.56</b>
NR	<b>.03</b>	

**Comments: What would you do to improve student learning in general education courses?**

**Comments:**

NR = No response