

**Core Curriculum Proficiency Survey**  
of  
**Prairie View A&M University**  
**2006 Bachelor's Degree Recipients**

**Part A: Biographical Information**

Major \_\_\_\_\_

For each answer, please fill in marks like this: ● not like this: ~~⊗~~ ⊘ ⊙

**Major College/School**

- |   |  |
|---|--|
| <input type="radio"/> College of Agriculture and Human Sciences | <input type="radio"/> College of Education                       |
| <input type="radio"/> School of Architecture                    | <input type="radio"/> College of Engineering                     |
| <input type="radio"/> College of Arts and Sciences              | <input type="radio"/> College of Juvenile Justice and Psychology |
| <input type="radio"/> College of Business                       | <input type="radio"/> College of Nursing                         |

**Ethnicity**

- Black/Non Hispanic
- White/Non Hispanic
- Hispanic
- Asian/Pacific Islander
- American Indian/Alaskan Native
- Non-Resident Aliens/Foreign National
- Other: Please specify: \_\_\_\_\_

**Gender**

- Female
- Male

**Age**

- |                               |                                     |
|-------------------------------|-------------------------------------|
| <input type="radio"/> 20 - 25 | <input type="radio"/> 36 - 39       |
| <input type="radio"/> 26 - 30 | <input type="radio"/> 40 - or above |
| <input type="radio"/> 31 - 35 |                                     |

**Are you the first in your family to graduate from college?**

- |                           |                          |
|---------------------------|--------------------------|
| <input type="radio"/> Yes | <input type="radio"/> No |
|---------------------------|--------------------------|

**Are you the first in your family to graduate from PVAMU?**

- |                           |                          |
|---------------------------|--------------------------|
| <input type="radio"/> Yes | <input type="radio"/> No |
|---------------------------|--------------------------|

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For each answer, please fill in marks like this: ● not like this: ✗ ⊘ ⊙

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### Part B: Communications

Please respond to the following questions by marking:

5 = Very Strong      4 = Strong      3 = Average      2 = Fair      1 = Poor

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

- |  | 5<br>Very<br>Strong | 4<br>Strong | 3<br>Average | 2<br>Fair | 1<br>Poor |
|--|---------------------|-------------|--------------|-----------|-----------|
| 1. write effectively in a clear and correct style appropriate to the subject, occasion, and audience?      | ▲                   | ▶           | ◀            | ☐         | ☐         |
| 2. work effectively in groups and display effective listening, reflective thinking, and responding skills? | ▲                   | ▶           | ◀            | ☐         | ☐         |
| 3. effectively research and write a documented paper and/or give an oral presentation on a specific topic? | ▲                   | ▶           | ◀            | ☐         | ☐         |
| 4. speak clearly and effectively?  | ▲                   | ▶           | ◀            | ☐         | ☐         |

### Part C: Mathematics

Please respond to the following questions by marking:

5 = Very Strong      4 = Strong      3 = Average      2 = Fair      1 = Poor

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

- |   | 5<br>Very<br>Strong | 4<br>Strong | 3<br>Average | 2<br>Fair | 1<br>Poor |
|---|---------------------|-------------|--------------|-----------|-----------|
| 1. apply basic mathematical tools to the solutions of real-world problems?  | ▲                   | ▶           | ◀            | ☐         | ☐         |
| 2. represent and evaluate basic mathematical information numerically, graphically, and analytically?  | ▲                   | ▶           | ◀            | ☐         | ☐         |
| 3. utilize mathematical reasoning skills and develop convincing mathematical arguments?   | ▲                   | ▶           | ◀            | ☐         | ☐         |
| 4. use appropriate technology to enhance mathematical thinking and understanding, to solve mathematical problems and judge the reasonableness of the results? | ▲                   | ▶           | ◀            | ☐         | ☐         |

For each answer, please fill in marks like this: ● not like this: ✗ ⓧ

5. interpret mathematical models such as formulas, graphs, tables and schematics, and draw inferences from them?      ▲      ▶      ◀      ☐      □

**Part D: Computing**

Please respond to the following questions by marking:

5 = Very Strong      4 = Strong      3 = Average      2 = Fair      1 = Poor

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

- |  | 5<br>Very<br>Strong | 4<br>Strong | 3<br>Average | 2<br>Fair | 1<br>Poor |
|--|---------------------|-------------|--------------|-----------|-----------|
| 1. use computer technology to communicate, solve problems, and acquire information?  | ▲                   | ▶           | ◀            | ☐         | □         |
| 2. 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 footers)? | ▲                   | ▶           | ◀            | ☐         | □         |
| 3. create a spreadsheet document which incorporates tables and graphs (line, pie, bar, X-Y scatter)?   | ▲                   | ▶           | ◀            | ☐         | □         |
| 4. create a presentation slide using presentation software (e.g. PowerPoint)?  | ▲                   | ▶           | ◀            | ☐         | □         |
| 5. create multimedia projects using a variety of tools and media with increasingly sophisticated linking of ideas?   | ▲                   | ▶           | ◀            | ☐         | □         |
| 6. understand online information access via TCP/IP, ftp, Archie, html, www?  | ▲                   | ▶           | ◀            | ☐         | □         |
| 7. navigate independently through the Internet to locate resources?  | ▲                   | ▶           | ◀            | ☐         | □         |

For each answer, please fill in marks like this: ● not like this: ✗ ⊗ ⊙

- 8. navigate the Internet using World Wide Web search engines?      ▲      ▶      ◀      ⊞      □
- 9. create a simple World Wide Web page which includes at least one graphic, text and link to another Internet site?      ▲      ▶      ◀      ⊞      □
- 10. understand e-mail tools such as integrated mail program (Netscape, Explorer, Eudora)?      ▲      ▶      ◀      ⊞      □

**Part B: Natural Sciences**

Please respond to the following questions by marking:

5 = Very Strong      4 = Strong      3 = Average      2 = Fair      1 = Poor

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

5      4      3      2      1  
Very Strong      Strong      Average      Fair      Poor

- 1. recognize scientific, quantitative and qualitative methods and understand the differences between these approaches and other methods of inquiry to communicate findings, analyses, and interpretation both orally and in writing?      ▲      ▶      ◀      ⊞      □
- 2. identify and recognize the differences among competing scientific models of the universe?      ▲      ▶      ◀      ⊞      □
- 3. demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics and values?      ▲      ▶      ◀      ⊞      □
- 4. demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture?      ▲      ▶      ◀      ⊞      □

For each answer, please fill in marks like this: ● not like this: ✗ ⊘ ⊙

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### Part F: Humanities and Visual and Performing Arts

Please respond to the following questions by marking:

5 = Very Strong    4 = Strong    3 = Average    2 = Fair    1 = Poor

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

- |  | 5<br>Very<br>Strong | 4<br>Strong | 3<br>Average | 2<br>Fair | 1<br>Poor |
|--|---------------------|-------------|--------------|-----------|-----------|
| 1. understand and demonstrate a knowledge of the human condition and human cultures, especially in relation to behavior, ideas, and values expressed in work of human imagination and thought? | ▲                   | ▶           | ◀            | ☐         | □         |
| 2. display an appreciation for the aesthetic principles that grade or govern the humanities and arts?  | ▲                   | ▶           | ◀            | ☐         | □         |
| 3. demonstrate knowledge of the influence of literature, philosophy, and/or the arts on cross-cultural interactions.   | ▲                   | ▶           | ◀            | ☐         | □         |

### Part G: Social and Behavioral Sciences

Please respond to the following questions by marking:

5 = Very Strong    4 = Strong    3 = Average    2 = Fair    1 = Poor

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

- |   | 5<br>Very<br>Strong | 4<br>Strong | 3<br>Average | 2<br>Fair | 1<br>Poor |
|---|---------------------|-------------|--------------|-----------|-----------|
| 1. differentiate and analyze historical evidence (documentary and statistical) and differing historical points of view? | ▲                   | ▶           | ◀            | ☐         | □         |
| 2. examine social institutions and processes across a range of historical periods and cultures?                         | ▲                   | ▶           | ◀            | ☐         | □         |
| 3. use and critique alternative explanatory systems or theories?  | ▲                   | ▶           | ◀            | ☐         | □         |

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For each answer, please fill in marks like this: ● not like this: ✘

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- 4. develop and communicate alternative explanations or solutions for contemporary social issues?    ▲    ▶    ◀    ☒    ☐
- 5. 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?    ▲    ▶    ◀    ☒    ☐
- 6. understand the evolution and current state of the role of the United States in the world?    ▲    ▶    ◀    ☒    ☐
- 7. 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?    ▲    ▶    ◀    ☒    ☐

Comments: What should PVAMU do to improve student learning in general education courses?

## Condensed Item Analysis Report

### Core Curriculum Proficiency Survey

#### Prairie View A&M University

N = 162

Fall 2005 Bachelor's Degree Recipient

#### Major College/School

Response	Frequency	Percent	
CAHS	4	2.47	
SA	1	0.62	
A&S	42	25.93	
Bus	0	0.00	
COE	23	14.20	
COEng	38	23.46	
JJ&P	19	11.73	
CON	35	21.60	
Missing	0	0.00	

#### Gender

Response	Frequency	Percent	
Female	115	70.99	
Male	47	29.01	
Missing	-	-	

#### 1st Graduate

Response	Frequency	Percent	
Yes	46	29.63	
No	114	70.37	
Missing	0	0.00	

#### Communications1

Response	Frequency	Percent	
Very Strong	76	46.91	
Strong	0	0.00	
Average	22	13.58	
Fair	0	0.00	
Poor	1	0.62	
Missing	63	38.89	

#### Ethnicity

Response	Frequency	Percent	
Black/Non-Hisp anic	139	85.80	
White/Non-Hisp anic	10	6.17	
Hispanic	7	4.32	
Asian/Pacific Islander	2	1.23	
American Indian/Alaskan Native	0	0.00	
Non-Resident Aliens/Foreign National	2	1.23	
Other	2	1.23	
Missing	-	-	

#### Age

Response	Frequency	Percent	
20-25	124	76.54	
26-30	22	13.58	
31-35	11	6.79	
36-39	2	1.23	
40 or above	3	1.85	
Missing	0	0.00	

#### 1st PVAMU Graduate

Response	Frequency	Percent	
Yes	108	66.67	
No	54	33.33	
Missing	0	0.00	

#### Communications2

Response	Frequency	Percent	
Very Strong	103	63.58	
Strong	0	0.00	
Average	9	5.56	
Fair	0	0.00	
Poor	1	0.62	
Missing	49	30.25	

**Communications3**

Response	Frequency	Percent	
Very Strong	92	56.79	
Strong	0	0.00	
Average	17	10.49	
Fair	1	0.62	
Poor	1	0.62	
Missing	61	31.48	

**Communications4**

Response	Frequency	Percent	
Very Strong	101	62.35	
Strong	0	0.00	
Average	18	11.11	
Fair	0	0.00	
Poor	0	0.00	
Missing	43	26.54	

**Mathematics1**

Response	Frequency	Percent	
Very Strong	72	44.44	
Strong	47	29.01	
Average	37	22.84	
Fair	4	2.47	
Poor	1	0.62	
Missing	1	0.62	

**Mathematics2**

Response	Frequency	Percent	
Very Strong	73	45.06	
Strong	49	30.25	
Average	35	21.60	
Fair	3	1.85	
Poor	1	0.62	
Missing	1	0.62	

**Mathematics3**

Response	Frequency	Percent	
Very Strong	65	40.12	
Strong	55	33.95	
Average	32	19.75	
Fair	7	4.32	
Poor	2	1.23	
Missing	1	0.62	

**Mathematics4**

Response	Frequency	Percent	
Very Strong	59	36.42	
Strong	55	33.95	
Average	38	23.46	
Fair	6	3.70	
Poor	4	2.47	
Missing	0	0.00	

**Mathematics5**

Response	Frequency	Percent	
Very Strong	61	37.65	
Strong	66	40.74	
Average	31	19.14	
Fair	3	1.85	
Poor	1	0.62	
Missing	0	0.00	

**Computing1**

Response	Frequency	Percent	
Very Strong	80	49.38	
Strong	61	37.65	
Average	19	11.73	
Fair	1	0.62	
Poor	1	0.62	
Missing	0	0.00	

**Computing2**

Response	Frequency	Percent	
Very Strong	79	48.77	
Strong	51	31.48	
Average	28	17.28	
Fair	2	1.23	
Poor	2	1.23	
Missing	0	0.00	

**Computing3**

Response	Frequency	Percent	
Very Strong	76	46.91	
Strong	49	30.25	
Average	35	21.60	
Fair	2	1.23	
Poor	0	0.00	
Missing	0	0.00	

**Computing4**

Response	Frequency	Percent	
Very Strong	112	69.14	
Stong	39	24.07	
Average	9	5.56	
Fair	2	1.23	
Poor	0	0.00	
Missing	0	0.00	

**Computing6**

Response	Frequency	Percent	
Very Strong	77	47.53	
Stong	39	24.07	
Average	35	21.60	
Fair	9	5.56	
Poor	2	1.23	
Missing	0	0.00	

**Computing8**

Response	Frequency	Percent	
Very Strong	120	74.07	
Stong	32	19.75	
Average	9	5.56	
Fair	1	0.62	
Poor	0	0.00	
Missing	0	0.00	

**Computing10**

Response	Frequency	Percent	
Very Strong	105	64.81	
Stong	33	20.37	
Average	20	12.35	
Fair	3	1.85	
Poor	1	0.62	
Missing	0	0.00	

**Natural Sciences2**

Response	Frequency	Percent	
Very Strong	50	30.86	
Stong	63	38.89	
Average	37	22.84	
Fair	9	5.56	
Poor	3	1.85	
Missing	0	0.00	

**Computing5**

Response	Frequency	Percent	
Very Strong	75	46.30	
Stong	56	34.57	
Average	25	15.43	
Fair	4	2.47	
Poor	2	1.23	
Missing	0	0.00	

**Computing7**

Response	Frequency	Percent	
Very Strong	114	70.37	
Stong	33	20.37	
Average	14	8.64	
Fair	1	0.62	
Poor	0	0.00	
Missing	0	0.00	

**Computing9**

Response	Frequency	Percent	
Very Strong	55	33.95	
Stong	41	25.31	
Average	35	21.60	
Fair	20	12.35	
Poor	11	6.79	
Missing	0	0.00	

**Natural Sciences1**

Response	Frequency	Percent	
Very Strong	63	38.89	
Stong	62	38.27	
Average	30	18.52	
Fair	6	3.70	
Poor	1	0.62	
Missing	0	0.00	

**Natural Sciences3**

Response	Frequency	Percent	
Very Strong	65	40.12	
Stong	60	37.04	
Average	29	17.90	
Fair	7	4.32	
Poor	1	0.62	
Missing	0	0.00	

**Natural Sciences4**

Response	Frequency	Percent	
Very Strong	64	39.51	
Strong	66	40.74	
Average	21	12.96	
Fair	8	4.94	
Poor	3	1.85	
Missing	0	0.00	

**Humanities & Visual & Performing Arts2**

Response	Frequency	Percent	
Very Strong	68	41.98	
Strong	59	36.42	
Average	33	20.37	
Fair	1	0.62	
Poor	0	0.00	
Missing	1	0.62	

**Social & Behavioral Sciences1**

Response	Frequency	Percent	
Very Strong	50	30.86	
Strong	73	45.06	
Average	32	19.75	
Fair	2	1.23	
Poor	0	0.00	
Missing	5	3.09	

**Social & Behavioral Sciences3**

Response	Frequency	Percent	
Very Strong	52	32.10	
Strong	69	42.59	
Average	33	20.37	
Fair	3	1.85	
Poor	0	0.00	
Missing	5	3.09	

**Social & Behavioral Sciences5**

Response	Frequency	Percent	
Very Strong	53	32.72	
Strong	55	33.95	
Average	44	27.16	
Fair	4	2.47	
Poor	1	0.62	
Missing	5	3.09	

**Humanities & Visual & Performing Arts1**

Response	Frequency	Percent	
Very Strong	76	46.91	
Strong	67	41.36	
Average	17	10.49	
Fair	1	0.62	
Poor	0	0.00	
Missing	1	0.62	

**Humanities & Visual & Performing Arts3**

Response	Frequency	Percent	
Very Strong	72	44.44	
Strong	55	33.95	
Average	31	19.14	
Fair	3	1.85	
Poor	0	0.00	
Missing	1	0.62	

**Social & Behavioral Sciences2**

Response	Frequency	Percent	
Very Strong	54	33.33	
Strong	65	40.12	
Average	35	21.60	
Fair	2	1.23	
Poor	1	0.62	
Missing	5	3.09	

**Social & Behavioral Sciences4**

Response	Frequency	Percent	
Very Strong	61	37.65	
Strong	70	43.21	
Average	25	15.43	
Fair	1	0.62	
Poor	0	0.00	
Missing	5	3.09	

**Social & Behavioral Sciences6**

Response	Frequency	Percent	
Very Strong	64	39.51	
Strong	66	34.57	
Average	34	20.99	
Fair	3	1.85	
Poor	0	0.00	
Missing	5	3.09	

**Social & Behavioral Sciences?**

Response	Frequency	Percent	
Very Strong	79	48.77	
Stong	49	30.25	
Average	27	16.67	
Fair	1	0.62	
Poor	1	0.62	
Missing	5	3.09	