

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 |
|---------------------------|--------------------------|

Number- S'06 _____

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 Very Strong | 4 Strong | 3 Average | 2 Fair | 1 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 Very Strong | 4 Strong | 3 Average | 2 Fair | 1 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
Very
Strong | 4
Strong | 3
Average | 2
Fair | 1
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 Average Fair Poor
Strong

- 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
Very
Strong | 4
Strong | 3
Average | 2
Fair | 1
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
Very
Strong | 4
Strong | 3
Average | 2
Fair | 1
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? | ▲ | ▶ | ◀ | ☐ | □ |

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

- 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Stong | 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 | |
| Strong | 49 | 30.25 | |
| Average | 27 | 16.67 | |
| Fair | 1 | 0.62 | |
| Poor | 1 | 0.62 | |
| Missing | 5 | 3.09 | |