



# American Board of Criminalistics

P.O. Box 1358, Palmetto, FL 34220

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June 27, 2014

Dr. Sarah Kerrigan  
 Director Forensic Science Program  
 Sam Houston State University  
 1003 Bowers Blvd.  
 Huntsville, TX 77340

Dear Dr. Kerrigan:

Thank you for your participation in the American Board of Criminalistics Forensic Science Assessment Test.

Your students' average score of 318 was based on a total score of 560 points. This ranks you #4 out of the 16 schools taking the examination in Spring 2014.

The following table shows the percentage of answers your students answered correctly in each category. The last number indicates the rank of your students compared to the students at the 15 other schools that participated in this examination in Spring 2014.

| Category              | % Correct | Rank |
|-----------------------|-----------|------|
| Forensic Biology      | 65        | 6    |
| Controlled Substances | 58        | 3    |
| Trace Analysis        | 54        | 4    |
| Toxicology            | 63        | 3    |
| Latent Prints         | 81        | 3    |
| Questioned Documents  | 49        | 12   |
| Fire Debris           | 51        | 10   |
| Firearms/Toolmarks    | 74        | 2    |

Enclosed is a copy of the FSAT Test Statistics, and results letters that have been mailed to students in your program. If you have any questions, please contact me by email at [abcregistrar@verizon.net](mailto:abcregistrar@verizon.net) or by mail at the above address.

Sincerely,

Michael M. Healy, F-ABC  
Registrar

Accredited By  
**Forensic Specialty Accreditation Board**

## Test Statistics

**Class:** SHSt 3/14

**Date Scored:** 5/14/2014

**Learners Tested:** 16

**Instructor:** Mr. Michael Healy

**Test:** FSAT Ver 1.3 raw

| FSAT Ver 1.3 raw | Score Data |         |        | Range | Statistics |      |        |         | Percentile |     |        | Test Reliability |            |
|------------------|------------|---------|--------|-------|------------|------|--------|---------|------------|-----|--------|------------------|------------|
|                  | Maximum    | Highest | Lowest |       | Median     | Mean | Mean % | Std Dev | 25         | 75  | I.Q.R. | KR20             | Coef Alpha |
| Overall          | 220        | 168     | 116    | 52    | 153        | 148  | 67%    | 15      | 135        | 162 | 27     | 0.86             | 0.83       |

| Learning Objectives   | Score Data |         |        | Range | Statistics |      |        |         | Percentile |    |        | Test Reliability |            |
|-----------------------|------------|---------|--------|-------|------------|------|--------|---------|------------|----|--------|------------------|------------|
|                       | Maximum    | Highest | Lowest |       | Median     | Mean | Mean % | Std Dev | 25         | 75 | I.Q.R. | KR20             | Coef Alpha |
| Controlled Substances | 23         | 18      | 7      | 11    | 14         | 13   | 58%    | 3       | 10         | 16 | 6      | 0.69             | 0.63       |
| Crime Lab Operations  | 9          | 9       | 4      | 5     | 7          | 7    | 79%    | 1       | 7          | 8  | 2      | 0.42             | 0.13       |
| Crime Scene           | 9          | 8       | 5      | 3     | 7          | 7    | 77%    | 1       | 7          | 7  | 0      | -0.07            | -0.63      |
| Ethics                | 14         | 12      | 8      | 4     | 11         | 11   | 76%    | 1       | 11         | 11 | 1      | -0.95            | -1.49      |
| Evidence Handling     | 10         | 9       | 4      | 5     | 8          | 8    | 76%    | 1       | 7          | 8  | 1      | -0.09            | -0.43      |
| Fire Debris           | 10         | 9       | 3      | 6     | 5          | 5    | 51%    | 2       | 4          | 6  | 2      | 0.36             | 0.30       |
| Firearms/Toolmarks    | 17         | 15      | 8      | 7     | 13         | 13   | 74%    | 2       | 12         | 15 | 3      | 0.53             | 0.40       |
| Forensic Biology      | 23         | 21      | 10     | 11    | 16         | 15   | 65%    | 3       | 13         | 16 | 3      | 0.68             | 0.60       |
| General Science       | 9          | 9       | 4      | 5     | 7          | 7    | 79%    | 1       | 7          | 8  | 2      | 0.50             | 0.28       |
| History               | 7          | 7       | 2      | 5     | 4          | 4    | 61%    | 2       | 3          | 6  | 3      | 0.72             | 0.64       |
| Latent Prints         | 10         | 10      | 6      | 4     | 8          | 8    | 81%    | 1       | 8          | 9  | 1      | 0.20             | -0.32      |
| Legal                 | 8          | 8       | 4      | 4     | 7          | 7    | 81%    | 1       | 6          | 7  | 1      | -0.06            | -0.54      |
| QA/QC                 | 14         | 13      | 6      | 7     | 11         | 11   | 77%    | 2       | 10         | 12 | 3      | 0.63             | 0.48       |
| Questioned Documents  | 8          | 5       | 2      | 3     | 4          | 4    | 49%    | 1       | 3          | 5  | 2      | -0.46            | -0.60      |
| Safety                | 12         | 11      | 5      | 6     | 8          | 8    | 65%    | 2       | 7          | 9  | 3      | 0.29             | 0.16       |
| Toxicology            | 13         | 11      | 5      | 6     | 8          | 8    | 63%    | 2       | 7          | 9  | 2      | 0.26             | 0.13       |
| Trace Analysis        | 23         | 15      | 8      | 7     | 13         | 12   | 54%    | 2       | 11         | 15 | 4      | 0.30             | 0.21       |