

**ASSESSMENT RECORD FOR  
DEPARTMENT  
OF**

Exercise Science

(Academic Department Name)

June 01, 2007-May 31, 2008

(Assessment Period Covered)

October 15, 2008

(Date Submitted)

**Includes Assessment Reports for those Instructional Programs listed below:**

Title of Instructional Degree Program

Degree Level

(Associate, Bachelors,  
Master's, etc.)

Exercise Science

Bachelors

Submitted By: J. Barry Shaw

(Departmental Chair or Faculty Assessment Representative)

# ASSESSMENT REPORT FOR

Exercise Science

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(Instructional Degree Program)

June 1, 2007 – May 31, 2008

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(Assessment Period Covered)

Bachelors

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(Degree Level)

October 15, 2008

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(Date Submitted)

## Expanded Statement of Institutional Purpose Linkage:

**Institutional Mission Reference:** As a university committed to the liberal arts as fundamental to education and committed to our affiliation with the Presbyterian Church (U.S.A.), Schreiner is dedicated to excellence in preparing students to live purposeful, humane and productive lives in their work, faith groups, families and communities.

**College/University Goal(s) Supported:** Schreiner is dedicated primarily to educating undergraduate students in the liberal arts, sciences, and professional disciplines, preparing them for entry into specific careers and graduate or professional programs. The university also fulfills its mission through selected graduate, certificate, and other professional development programs.

## Intended Educational (Student) Outcomes:

1. Upon completion of the Bachelors in Exercise Science, the students will be able to demonstrate abilities in applying basic concepts of biomechanics/kinesiology, motor learning, exercise physiology and strength and conditioning.

2. Upon completion of the Bachelors in Exercise Science, the students will be able to demonstrate knowledge of exercise physiology, basic nutrition, human anatomy and human development.

3. Upon completion of the Bachelors in Exercise Science, the students will be able to demonstrate knowledge of statistics, research design, computer technology and written and oral communication skills.

# ASSESSMENT REPORT FOR

Exercise Science

(Instructional Degree Program)

June 1, 2007 – May 31, 2008

(Assessment Period Covered)

Bachelors

(Degree Level)

October 15, 2008

(Date Submitted)

## Intended Educational (Student) Outcome:

*NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below and the intended outcome number entered in the blank spaces.*

  1  

Upon completion of the Bachelors in Exercise Science, the students will be able to demonstrate abilities in applying basic concepts of biomechanics/kinesiology, motor learning, exercise physiology and strength and conditioning.

## First Means of Assessment for Outcome Identified Above:

  1   a. **Means of Program Assessment & Criteria for Success:** The above outcome is assessed by successful completion (C or better) of a biomechanical analysis of a sport skill (EXSI 3321), error analysis (EXSI 4323), lab exam (4422) and technical demonstration (EXSI 2305).

  1   a. **Summary of Assessment Data Collected:** EXSI 3321 – 65% of students earned C or better on the biomechanical analysis. EXSI 4323 – 80% earned C or better on the error analysis. EXSI 4422 75% of students earned C or better on the lab exam. EXSI 2305 – 80% earned C or better on the technical demonstration.

  1   a. **Use of Results to Improve Instructional Program:** Incorporate technology to enhance conceptual understanding of skill analysis. Increase class time allocated to biomechanical analysis. (EXSI 3321).

## Second Means of Assessment for Outcome Identified Above:

       b. **Means of Program Assessment & Criteria for Success:**

       b. **Summary of Assessment Data Collected:**

       b. **Use of Results to Improve Instructional Program:**

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## Intended Educational (Student) Outcome:

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  2   Upon completion of the Bachelors in Exercise Science, the students will be able to demonstrate knowledge of exercise physiology, basic nutrition, human anatomy and human development.

## First Means of Assessment for Outcome Identified Above:

  2   a. **Means of Program Assessment & Criteria for Success:** The above outcome is assessed by successful completion (C or better) on a human development assessment (EXSI 3307), a laboratory exam (EXSI 4422) and nutritional analysis (EXSI 4325).

  2   a. **Summary of Assessment Data Collected:** EXSI 3307 – 80% of students earned C or better on the human development assessment. EXSI 4422 – 82% of students earned C or better on the laboratory exam. EXSI 4325 – 100% of students earned C or better on the nutritional analysis.

  2   a. **Use of Results to Improve Instructional Program:** Include a human development assessment in EXSI 4396 to prepare for certification.

## Second Means of Assessment for Outcome Identified Above:

       b. **Means of Program Assessment & Criteria for Success:**

       b. **Summary of Assessment Data Collected:**

       b. **Use of Results to Improve Instructional Program:**

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## Intended Educational (Student) Outcome:

*NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below and the intended outcome number entered in the blank spaces.*

  3   Upon completion of the Bachelors in Exercise Science, the students will be able to demonstrate knowledge of statistics, research design, computer technology and written and oral communication skills.

## First Means of Assessment for Outcome Identified Above:

  3   a. **Means of Program Assessment & Criteria for Success:** The above outcome is assessed by successful completion (C or better) of an applied data analysis using SPSS/Microsoft Excel (EXSI 3320) and completion of an independent research project (EXSI 4395).

  3   a. **Summary of Assessment Data Collected:** EXSI 3320 – 80% of students earned a C or better on the data analysis project. EXSI 4395 – 90% of students earned a C or better.

  3   a. **Use of Results to Improve Instructional Program:** Maintain existing program emphasis.

## Second Means of Assessment for Outcome Identified Above:

       b. **Means of Program Assessment & Criteria for Success:**

       b. **Summary of Assessment Data Collected:**

       b. **Use of Results to Improve Instructional Program:**