

B - Course Revision Form V, 7.2022 : Entry # 3527**DEAN Decision**

Approved

Today's Date

09/08/2025

ACADEMIC PROGRAM Decision

Approved

EPC Decision

Approved

Today's Date

10/17/2025

Begin Form**Today's Date**

09/06/2025

Your Name

Brielle Spencer-Tyree

Your Email:btyree@highpoint.edu**Are you a Department Chair?**

No

Department Chair Name

Jenny Sharpe

Email address of your Department Chairjsharp1@highpoint.edu**By checking below, I certify that my department chair has seen and approved the course revisions that are in this proposal**

Yes

Please select the appropriate school overseeing this proposal:

Engineering

When should this proposal take effect?

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Fall 2026

Are you submitting multiple courses for revision from the same department?

Yes

Please list all of the courses that you are submitting revisions for:

Course Prefix	Course Number	Course Title
STS	1150	Statistical Literacy

What would you like to revise?

- Learning Outcomes

Are you also revising any of the following for this course?

- Change course description

Gen Ed & Academic Program Information**Is this a revision to meet new Gen Ed requirements?**

No

Is this course part of an academic program?

- This course does not currently fulfill academic program requirements

Does this course, as revised, include any community engagement?

No

Is this course part of GoGlobal?

No

Does this course count towards a major or a minor?

No, it does not count toward any particular major or minor

Is this course cross listed?

No

Choose the department designator for your course from the list below.

Curriculum Review Information

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Please list the revised student learning outcomes for this course in the box below.

LEARNING OUTCOMES

- Assess the benefits, risks, and ethical considerations of using statistics in real-world contexts.
- Analyze statistical studies for sampling methods, bias, and the appropriate use of observational and experimental approaches, with attention to how statistics are presented and interpreted in real-world contexts.
- Interpret and critique statistical information presented in media, identifying misleading graphs and misrepresented data.
- Use technology to summarize and visualize data and analyze measures of center and variation.
- Distinguish correlation from causation and evaluate relationships between categorical variables using risk and odds ratios.
- Apply probability concepts, including relative-frequency and subjective probability, and recognize psychological influences on probabilistic reasoning.
- Interpret confidence intervals and hypothesis tests and differentiate between statistical and practical significance.
- Use quantitative methods to solve problems in a variety of contexts, including real world applications.

I didn't see anywhere to put the updated course description in this form

REVISED COURSE DESCRIPTION: This course introduces foundational statistical concepts with a focus on evaluating data in everyday contexts. Students will develop the skills to critically analyze real-world statistical claims, reason with data, and make informed decisions across a wide range of disciplines—such as politics, health, education, science, and more—as well as in everyday life. Prerequisite: None. 4 Credits.

Please list any revisions to units or content areas that will be required for all sections of this course in the box below.

None

If you have Gen Ed learning outcomes, please address the kinds of assessments you may use for each area that you are proposing the course be designated (i.e., Arts, Humanities, Diversity, etc.)

Quantitative Learning Outcome:

- Use quantitative methods to solve problems in a variety of contexts, including real world applications

Every assessment in this course (e.g. homework, discussion boards, projects, reading quizzes, tests, and final exam) will assess this general education learning outcome.

Please list any revisions to course policies that will be required for all sections of this course.

n/a

If you would like to specify any revisions to requirements for how contact hours must be met for all sections of this course, please indicate below (e.g., if any experiential learning activities will replace seat time)

n/a

If this course proposal affects any other departments, please describe the consultation and approval that you've received and from whom in the box below.

n/a

Is there any additional information that you would like to provide for this proposal?

More specific, detailed learning outcomes were added to align properly with the course. The description was also updated to better reflect the course. The new course description and learning outcomes better convey what is covered in the course in such a way that may be more understandable to both students and advisors and provide direct language of the statistical topics that are covered.

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Sample Syllabus

- [STS1150-SampleSyllabus.docx](#)