

STA 399: Internship II in Statistics

I. Basic Course Information

Undergraduate Bulletin course description: "A supervised statistics related experience in the industrial, governmental, private or nonprofit sector."

STA 399 is an upper-level course for students interested in pursuing an internship in statistics in the industrial, governmental, private or nonprofit sector. Academic internships provide a form of experiential education that allows students to integrate their disciplinary knowledge in a work environment. A TCNJ faculty member will supervise the internship, will be in communication with the onsite supervisor, and will conduct on-the-site visits when feasible. There will also be an on-the-job supervisor at the employer. STA 399 is distinguished from STA 299 by the internship making significant use of a student's statistics content knowledge.

Students enrolling in STA 399 must meet the prerequisite of having completed four course units at TCNJ. Students must also complete both the TCNJ Internship Enrollment Form and the Department of Mathematics and Statistics Student Internship Agreement. The on-the-job internship supervisor must also complete the department's Employer Internship Agreement. Enrollment requires the approval of the department chair.

II. Learning Goals

1. The student applies and tests academic knowledge learned in the classroom in the workplace.
2. The student advances knowledge of the qualifications and duties for a position in a field, and can explore their interest in a career in that field.
3. The student gains an understanding of the skills and knowledge required for success in the workplace.
4. The student develops their ability to write and present a paper about statistics and its applications.

III. Student Assessment

Students STA 399 will be letter graded. The grade will be determined based on employer and faculty supervisor evaluations of on-site work, and performance on agreed upon academic requirements. Students will be required to write and present a paper related to the internship experience.

IV. Learning Activities

Specific learning activities for the internship will be decided on an individual basis through an agreement between the faculty supervisor and the student. All students will be required to write and present a paper related to the internship experience.

Approved: 12-8-25