

WTS WORKS INTERNSHIP PROGRAM

SUMMER 2023



INTRODUCTION

WTS Philadelphia is now offering internship opportunities to current members of Transportation YOU and the WTS Philadelphia Student Chapter through a new initiative called **WTS Works**. The goal of this program is to advance young women in transportation by allowing tomorrow's industry leaders to gain real world experience in an environment that celebrates their talent and diversity and encourages professional development. There are three tracks identified below for undergraduate and graduate students, graduating high school seniors and current high school students. Please refer to the information below for the track under which you will be applying. The participating firms listed below are all proud supporters of WTS and have agreed to be a part of this new program.

SCHEDULE

All materials must be submitted electronically in one combined PDF labeled as "WTS Works - <insert your last name>". All materials must be received by **11:59 pm on Friday, February 24, 2023**. The Matching process for the undergraduate/graduate students and graduating high school seniors will occur between February 24th and March 24th. Final selections will be completed, and program participants will be notified by March 24th, 2023. All submission materials and questions should be directed to:

Kirsten Brown, P.E. and Tara Hofferth, P.E.

WTS Works Co-Chairs

WTSWorks@gmail.com

Incomplete or illegible applications will NOT be reviewed. When all parts of your application have been received through the [google form](#) using the QR code, you will receive an email confirmation. The WTS Philadelphia Chapter is very excited to receive your applications and to select the interns for the Summer of 2023!



For additional information, please refer to our website at:

<https://www.wtsinternational.org/chapters/philadelphia/wts-works>



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UNDERGRADUATE AND GRADUATE STUDENTS

The selected intern will work closely with experienced transportation professionals in an **eight-week program** to carry out an array of assigned tasks. Duties include, but are not limited to, assembling data and assisting with problem-solving requiring basic theories and engineering fundamentals, utilizing computer programs to solve engineering problems, assisting with layout and design of engineering projects of various scales, providing quantity take-offs and construction estimates, specification development or preparation, and maintaining accurate and current project documentation. The program may also be tailored to different disciplines as agreed upon by employer and student. All applications are due on Friday, 2/24. The applications will be reviewed by the prospective employers and applicants will be paired between Friday, 2/24 to Friday, 3/24.

Eligibility Criteria

- Open to individuals who identify as a woman. WTS Philadelphia is committed to the inclusion of differences and similarities related to ethnicity, age, and gender identity.
- Applicant must be an active member of the WTS Philadelphia Student Chapter during the 2022-2023 school year.
- Currently enrolled in an undergraduate or graduate degree program in a STEM and/or transportation-related field, such as railway engineering, highway/bridge design, transportation engineering, planning, finance, or logistics.
- Plans to pursue a career in a transportation-related field

Required Documents

- Application Form
- Career Aspirations (not to exceed 200 words)
- Personal Statement (not to exceed 500 words)
- Resumé
- Recommendation Letter from professor or job supervisor

Program Goals – After completing this program, the participant will (but not limited to):

- Have an advanced understanding of careers in the transportation industry
- Have improved interpersonal and organizational skills
- Have improved verbal and written communication skills
- Engineers and Planners will have an advanced understanding of the preparation of design plans, specifications, and estimates for various types of engineering projects
- Engineers and Planners may have an advanced understanding of AutoCAD, MicroStation, or other applicable design software
- Engineers may understand how to perform calculations, computer analysis, data input, and quantity take-off
- Specific Goals should be discussed during the interview process with the WTS Works Co-Chairs and employer during the interview process.



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GRADUATING HIGH SCHOOL SENIORS

The selected intern will participate in a **six-week program** where she will rotate between various disciplines to gain a well-rounded understanding of careers in the transportation industry. The selected intern will gain experience with disciplines such as aviation, highway, traffic, construction management, architecture, and structures. The program may also be tailored to different disciplines as agreed upon by employer and student. All applications will be due on February 24, 2023. The applications will be reviewed by the prospective employers and applicants will be paired between Friday, 2/24 to Friday, 3/24.

Eligibility Criteria

- Open to individuals who identify as a woman. WTS Philadelphia is committed to the inclusion of differences and similarities related to ethnicity, age, and gender identity.
- Applicant must be an active member of WTS Philadelphia Transportation YOU during the 2022-2023 Program Year.
- Graduating high school senior planning to enroll in a transportation-related college program.
- Currently studying science, technology, engineering, and mathematics
- Considering a career in a transportation-related field

Required Documents

- Application Form
- Career Aspirations (not to exceed 200 words)
- Personal Statement (not to exceed 500 words)
- Resumé
- Recommendation Letter from teacher, counselor, or principal

Program Goals – After completing this program, the participant will (but not limited to):

- Have an advanced understanding of careers in the transportation industry
- Have improved interpersonal and organizational skills
- Have improved verbal and written communication skills
- Engineers and Planners will have an advanced understanding of the preparation of design plans, specifications, and estimates for various types of engineering projects
- Engineers and Planners may have an advanced understanding of AutoCAD, MicroStation, or other applicable design software
- Engineers may understand how to perform calculations, computer analysis, data input, and quantity take-off
- Specific Goals should be discussed during the interview process with the WTS Works Co-Chairs and employer during the interview process.



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SHADOWING OPPORTUNITIES FOR HIGH SCHOOL STUDENTS

Students will shadow a prominent woman in her field to learn about what transportation industry professionals do on a daily basis. This allows the student to explore career options and expand their personal network.

Criteria

- Open to individuals who identify as a woman. WTS Philadelphia is committed to the inclusion of differences and similarities related to ethnicity, age, and gender identity.
- Applicant must be an active member of WTS Philadelphia Transportation YOU during the 2022-2023 Program Year.
- Applicant must be a current high school student - Freshmen through Graduating Seniors - at time of application
- Currently studying science, technology, engineering, and mathematics
- Considering a career in a transportation-related field

Required Documents

- Application Form
- Resumé
- Career Aspirations (not to exceed 200 words)
- Personal Statement (not to exceed 500 words)

Program Goals – After completing this program, the participant will (but not limited to):

- Have an advanced understanding of careers in the transportation industry
- Have hands-on experience to consider when choosing a college major and career path
- Have a better understanding of office operations and hybrid working etiquette

