



WTS Sharon D. Banks Memorial Undergraduate Scholarship

WTS fosters the development of women in the transportation field by encouraging bright new professionals to undertake careers in the area of transportation. One way it does this is by awarding the WTS Sharon D. Banks Memorial Scholarship to women pursuing undergraduate studies in transportation or a related field.

The scholarship honors Sharon D. Banks, chief executive officer of AC Transit in Alameda-Contra Costa County, California. As its CEO throughout most of the 1990's, Banks led the agency in a pioneering effort to introduce cultural and organizational changes aimed at motivating the public transit workforce. She was a member of the WTS Advisory Board and received the WTS San Francisco Chapter Woman of the Year and Employer of the Year awards.

The WTS Sharon D. Banks Memorial Undergraduate Scholarship, (at the national level), is **\$5,000**. The minimum criteria for selection are:

- a. GPA of 3.0 or higher.
- b. Currently enrolled in an undergraduate degree program in a transportation-related field, such as transportation engineering, planning, finance, or logistics.
- c. Plans to pursue a career in a transportation-related field.

Applications must be submitted through local WTS chapters as typed documents. Scholarships are competitive and based on the applicant's specific transportation goals, academic record, and transportation-related activities or job skills. National awards will be presented during the WTS Annual Conference in May 2022, and attendance during the awards ceremony is strongly recommended. Conference registration for scholarship winners is complimentary. Local chapters will assist with arrangements upon selection and may have additional requirements, such as personal interviews or higher GPA. Please contact your local WTS chapter at the address listed on the application for specifics.

WTS Sharon D. Banks Memorial Undergraduate Scholarship Application

I. Personal Information

Name__Schwartz_____Nora_____Elizabeth_____
Last First Middle

E-mail Address__Schwartzn1@udayton.edu_____

Primary Phone _____567-644-5816_____

Current Address (Street, City, State, Zip):
____453 Kiefaber St, Dayton, Ohio, 45409_____

Permanent Address (Street, City, State, Zip):
__88 North Hamilton Street, Minster, Ohio, 45865_____

II. Educational Background

Current College/University ____University of Dayton____

City, State__Dayton, Ohio__

Expected Date of Graduation__May 2025__

Degree to be Received__Bachelor of Civil Engineering__

Area of Concentration: __N/A__

Grade Point Average__3.784__

(Minimum GPA of 3.0 required. Attach official copy of transcript to application.)

Previous Colleges/Universities Attended, Date Degree Earned and GPA:

__N/A_____

Professional or School Affiliations (List any school, professional or community activities you have participated in. Include offices held and awards received. Attach additional sheets, if necessary, as typed word documents.)

-Pave (Peers Advocating for Violence Education): 2021 to Present_____

-University of Dayton Club Waterski Team: 2021 to Present_____

-Society of Sales Engineers: 2022 to Present_____

-NASPA-Student Affairs Administrators in Higher Education, *Certified Peer Educator*_____

III. Employment History

Work Experience (List full-time, part-time, co-op and summer employment. Briefly describe duties and responsibilities. Attach additional sheets, if necessary, as typed word documents.)

College Engineering Intern, Choice One Engineering, Sidney Ohio, (May 2023 - Aug 2023)

- Initiated project development by cleaning up, organizing, and fixing errors within files brought in from surveys.
- Built pipe networks within Civil 3D based upon structure locations and pipe inverts from survey crew dips.
- Worked alongside the survey crew for several weeks providing me with the opportunity to get out into the field and soak in lots of knowledge from the surveyors and contractors.
- Worked on creating estimates and breaking said estimates down into parcels for individuals on roadway projects.

College Design Intern, ODOT, Sidney Ohio, (May 2022 - Aug 2022)

- Developed plans for painting projects importing existing plans and designing new plans using MicroStation, along with quantifying costs and detailing the work needed.
- Organized large amounts of information/data by grouping together the numerous projects that had occurred to a structure.
- Facilitated project planning by examining local curb ramps for ADA compliance issues, recording data, and determining all the ramps that would need to be corrected during the overlay project. Detailed right-of-way and decided which curb ramps had an adequate amount of space for work to be performed.

IV. Recommendation: Letter of recommendation by a professor or job supervisor must accompany your application.

V. Personal Statement: A statement about your career goals and/or continuing education after graduation and why you think that you should receive the scholarship award. Applicants must address the issue of leadership, its importance in a transportation career, and the applicant's leadership achievements. Statements should not exceed 500 words. Please attach to application form as a typed word document.

VI. Proof of Enrollment: Attach a copy of your tuition receipt or current registration card.

VII. Demographic Information: WTS is committed to recognizing the achievements of students pursuing transportation related degrees. To track our progress in reaching diverse applicants, we ask that you complete this confidential demographic information. **This is not required for scholarship awards and will not be used in the selection process.**

1. Race/Ethnicity (select all that apply)

- Asian
- Black
- East Indian

- Hispanic/Latino
- Indigenous
- Middle Eastern
- Multiracial
- Pacific Islander
- White
- Other (Please write in) _____
- Choose Not to Disclose

2. Age

- 15-18
- 19-23
- 24-30
- 31-50
- 50 +

3. Anticipated or Current Mode of Transportation Career Focus (select all that apply)

- Aviation
- Freight
- Highway/Auto
- Maritime/Port
- Multi-Modal
- Non-Motorized
- Passenger
- Transit
- Other (Please write in)

4. How did you hear about this scholarship?

- Friend
- School/Teacher
- Social Media:
 - Facebook
 - Instagram
 - LinkedIn
 - Snapchat
 - TikTok
 - Twitter
 - YouTube
 - Other (Please write in) _____
- WTS Chapter
- WTS International Website
- Other (Please write in) _____

Applicant Signature _____ Nora Schwartz _____ Date _____ 12/7/2023 _____



December 15, 2023

Scholarship Committee Chair

Re: Katherine S. DeStefano, P.E.

Dear Scholarship Committee Chair:

I am writing to recommend Nora Schwartz, a senior undergraduate student who is currently enrolled in my transportation engineering course this semester that ends today, as a candidate for the WTS Sharon D. Banks Memorial Undergraduate Scholarship. I first met Nora when she enrolled as a student in my CEE 403: Transportation Engineering course in this fall semester in August. Early on in the class, it was very easy to recognize her as a student who has much enthusiasm in the topic. She has been very highly engaged as an active student, asking questions and in addition of being one of the first students to volunteer to answer questions whenever I pose questions to the class. She always turns in her homework assignments on time and very well-mannered in the class and every day after class, she is one of the very few students who will stop in front of class where I am standing and “say thank you professor and bye.” She does this every single day after class. Her performance in the exams has been among the top 5% of the class and I am almost certain that she will earn a very good grade. Her performance is also mirrored with an excellent cumulative GPA she has maintained of 3.784/4.00 and she is also an honors engineering student.

When Nora asked me to write a letter of recommendation, I knew immediately that she was a great candidate, given the nature of the scholarship, her performance in class, her passion in the transportation engineering course, and on top of that, her character as a person and a student. I believe that Nora has shown a steadfast commitment to becoming a transportation engineer and her interest will even be elevated if she would be awarded this prestigious scholarship and therefore, I see

her as an excellent candidate to receive this scholarship and I give her my highest recommendation. If I can provide any further assistance, please do not hesitate to contact me.

If you have any questions or you need any additional clarification, please don't hesitate to let me know.

Thank you,

Sincerely,

A handwritten signature in blue ink, appearing to read "Deogratias Eustace". The signature is written in a cursive style with a large initial "D" and "E".

Deogratias Eustace, Ph.D., P.E., PTOE, MASCE
Professor and Director, Graduate Studies Program
Director, Transportation Engineering Lab (TEL)

WTS Sharon D. Banks Memorial Undergraduate Scholarship Application

Personal Statement: Nora Schwartz

I'm Nora Schwartz, a Civil Engineering student at the University of Dayton. My interest in transportation was sparked during my first internship with the Ohio Department of Transportation. It was fostered and affirmed this year in my first transportation class.

Following graduation, my goals are to take and pass my FE and to work for a company focusing on transportation and roadway design. In three years, I hope to obtain my PE, becoming fully licensed to practice. Studying transportation interests me because it's vital to almost all aspects of human life as we know it. My fascination with this field stems from its power to reshape and impact how we, as people, move, connect, and thrive. I aspire to learn more about transportation studies so that in the future, I can work on crafting more efficient, sustainable, and interconnected systems.

I believe I am a good candidate for this scholarship because of my determination and strong work ethic. I put great effort into my studies, aiming not just to succeed but to excel. I'm committed to bringing this same drive to my future job in transportation. This scholarship would support my education and my aspirations to make a significant contribution to the industry.

My experiences at the Ohio Department of Transportation and Choice One Engineering have exposed me to the significance of effective leadership in the workforce. Civil engineering projects are often massive; therefore, no project is ever completed by a single person. It takes many hands to move a project from start to finish. Therefore, having strong leadership is vital to steer the team in the right direction and ensure that everyone's voice is heard.

Beyond professional roles, my involvement with PAVE (Peers Advocating for Violence Education) has allowed me to strengthen my leadership abilities. Leading discussions on consent and violence prevention with groups of students on campus has taught me the importance of engaging audiences and fostering constructive dialogues—a skill set vital in the workplace.

I am applying for this scholarship to further my education. With this support, I aim to expand my knowledge, gain practical experience, and eventually offer fresh perspectives to the field. I am excited about the prospect of making a meaningful contribution to the industry.

Thank you for considering my application.

Sincerely,
Nora Schwartz



Office of Student Accounts
 300 College Park Drive
 Dayton, OH 45469-1600
 (800) 259-7117
 (937) 229-4111
<http://www.udayton.edu/studentaccounts>
studentaccounts@udayton.edu

STATEMENT DATE	DUE DATE
11/30/2023	12/22/2023
MINIMUM DUE	AMOUNT DUE
\$7,364.00	\$7,364.00

Nora E. Schwartz
 88 N Hamilton St
 Minster, OH 45865-1117
Student ID: 101693600

Account Statement

TERM	DATE	DESCRIPTION	CHARGES	CREDITS	TOTAL
Spring 2024	11/27/2023	***Previous Balance***	.00		
		Tuition - Undergrad	23,800.00		
		Residential Properties	5,630.00		
		Current Totals			29,430.00
Spring 2024		Anticipated Financial Aid Awards		3,711.00	
		Direct Unsubsidized Loan			
		Forever Flyer Grant		1,500.00	
		President's Merit Scholarship		12,500.00	
		UD Promise Award		1,355.00	
		William Farno, Jr. Mem. Sch.		3,000.00	
		Expected Ending Totals			7,364.00
Pay the expected ending total					7,364.00

DUE DATE	PREVIOUS BALANCE	CURRENT TOTALS	MINIMUM DUE	TOTAL AMOUNT DUE
12/22/2023	\$0.00	\$29,430.00	\$7,364.00	\$7,364.00

You are registered for 18.00 hours in Spring 2024

The University will be closed for Christmas starting December 22nd and will reopen January 2nd
 In order to discuss your account with a parent/guardian, the student must complete a FERPA release. Go to Flyer Student Services on Porches to submit the form.
 Receive your 1098T electronically, sign-up through My Payment Center by December 31, 2023.
 Sign up for e-refunding, https://udayton.edu/fss/your_money/_credit_balance_refunds.php
 **Processing of eligible Spring 2024 refunds will begin the first day of class.
 Checks should be made payable to the University of Dayton.

For information about your account and your billing rights, please click [here](#).



NAME: Nora Elizabeth Schwartz
DOB: 31-JUL
STUDENT ID: 101693600

DATE ISSUED: 07-DEC-2023
SSN: **-*-7366
ACADEMIC LEVEL: Undergraduate

Table with columns: Course Level, SUBJ NO., COURSE TITLE, CRED GRD, PTS R. Includes sections for Institution Information, Spring 2022, Fall 2021, and Fall 2022.

SCHWARTZN1@UDAYTON.EDU



University of Dayton
Official Record
RAISED SEAL NOT REQUIRED
Maria R. Newland, Registrar



NAME: Nora Elizabeth Schwartz

DOB: 31-JUL

STUDENT ID: 101693600

DATE ISSUED: 07-DEC-2023

SSN: **-**-7366

ACADEMIC LEVEL: Undergraduate

SUBJ NO. COURSE TITLE CRED GRD PTS R

Institution Information continued:

Summer 2023

COP 101 Co-op/Internship Work Term 1 12.00 _S 0.00
Ehrs: 0.00 GPA-Hrs: 0.00 QPts: 0.00 GPA: 0.00

Good Standing

Last Standing: Good Standing

Fall 2023

IN PROGRESS WORK

CEE 313 Hydraulics 3.00 IN PROGRESS
CEE 313L Hydraulics Lab 1.00 IN PROGRESS
CEE 316 Analy of Structures I 3.00 IN PROGRESS
CEE 403 Transportation Engr 3.00 IN PROGRESS
CEE 426 Risk and uncertainty analysis 3.00 IN PROGRESS
UDI 403 PAVE Peers Advo Violence Ed 1.00 IN PROGRESS
VAF 225 Painting for Non-Majors 3.00 IN PROGRESS

In Progress Credits 17.00

Spring 2024

IN PROGRESS WORK

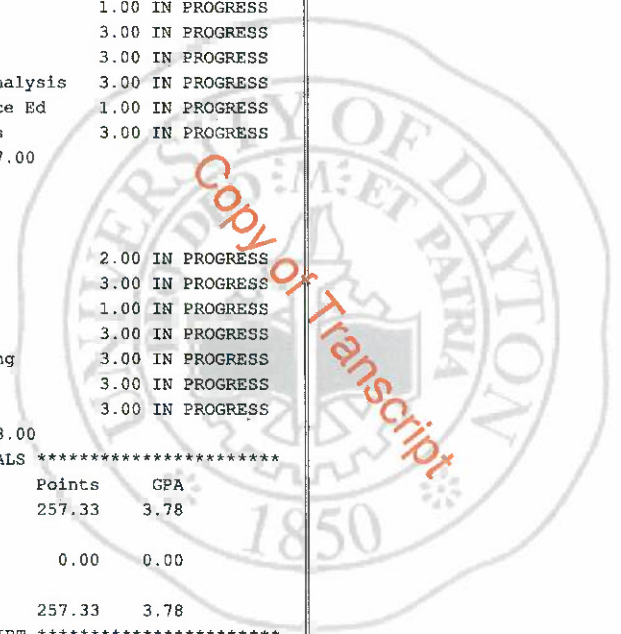
CEE 311L Civil Engr Matls Lab 2.00 IN PROGRESS
CEE 312 Geotechnical Engr 3.00 IN PROGRESS
CEE 312L Geotechncl Engr Lab 1.00 IN PROGRESS
CEE 333 Water Resources Engr 3.00 IN PROGRESS
CEE 421 Construction Engineering 3.00 IN PROGRESS
EGR 203 Electrel & Electrnc Crt 3.00 IN PROGRESS
GEO 208H Environmentl Geology 3.00 IN PROGRESS

In Progress Credits 18.00

***** TRANSCRIPT TOTALS *****

Table with 5 columns: Earned Hrs, GPA Hrs, Points, GPA. Rows include TOTAL INSTITUTION, TOTAL TRANSFER, and OVERALL.

***** END OF TRANSCRIPT *****



University of Dayton Official Record RAISED SEAL NOT REQUIRED

Maria R. Newland

Maria R. Newland, Registrar



University of Dayton
Office of the Registrar

TRANSCRIPT KEY

1. CALENDAR SYSTEM

The University of Dayton operates under an early semester, split third-term calendar. Other classes are offered on a non-traditional basis and defined accordingly.

2. DEFINITION OF THE CREDIT UNIT

The credit unit is the semester hour.* The semester hour consists of or is the equivalent of one hour per week in class or two or three hours per week in laboratories for a semester.

*Graduate School of Education and Allied Professions operated under a quarter hour system from June 17, 1974 to August 5, 2001.

3. COURSE NUMBERING SYSTEM

Prior to 1934: Course numbers did not indicate level. September 1934 to present: Course numbers indicate level: 001 to 099 for general, specially designed courses; 100 and 200 series for lower-level courses; 300 and 400 series for upper-level courses; 500 through 800 series for graduate courses; 698-Doctoral Dissertation 699 - Ph.D. Dissertation; 900 - Ph.D. courses in the School of Education.

4. GRADING SYSTEM

Prior to September 1935: numerical grades, minimum of 70% to receive credit. Sept. 1935 to Sept. 1944

A - Excellent	3 points*	F - Failed	0 points
.....
B - Good	2 points	I - Incomplete	0 points
.....
C - Average	1 point		
.....		
D - Poor, but passing	0 points		
.....		
E - Conditioned	0 points		
.....		

*for each semester hour allowed the course
Sept. 1944 to present**

Undergraduate	Graduate		Grade Points*
A	A	Excellent	4.0000
A-	A-		3.6667
B+	B+		3.3333
B	B	Good	3.0000
B-	B-		2.6667
C+			2.3333
C	C	Fair/Passing	2.0000
C-			1.6667
D		Poor/Passing	1.0000
D	F	Failing	0.0000

*for each credit allowed for the course
**+/- Grading system was added in 8/02.

GRADE POINT AVERAGES

Only the quality points for grades A through F are used in calculating grade point averages (GPA).

The SEMESTER GRADE POINT AVERAGE is the total number of semester quality points divided by the total number of semester credit hours.

The CUMULATIVE GRADE POINT AVERAGE (CPGA) is the total number of cumulative quality points divided by the total number of cumulative credit hours. If a course is repeated, the grade points for both the original grade and the new grade are computed. If a course is retaken and the subsequent grade is higher than or equal to the previous grade, the previous grade will not count towards the student's CGPA henceforth.

CUMULATIVE CREDITS are program/degree specific while the CGPA includes all credits/points on transcript and is not program/degree specific.

OTHER GRADE SYMBOLS

- CR - Credit awarded, graduate level only; introduced 9/1976
- EM - Credit by examination; introduced 9/1964; ended 8/2010
- I - Incomplete
- IP - In progress (with approval); introduced 12/2008; replaced "P"
- K - Credit awarded at other institutions and transferred to UD
Historically K also indicated:
 - a) Credit for some workshops, interdisciplinary courses, and independent study; discontinued summer 1973,
 - b) Passed "C" or better; undergraduate level; replaced by "S", 1/1971
 - c) Passed; graduate level; replaced by "CR", 9/1976
- K* - Transfer eligible Common Academic Program (CAP) Expanded courses
- N - No grade reported by instructor; discontinued 8/2010
- NC - No credit awarded
- S - Satisfactory; "C-" grade or better; or credit by examination
- _S - Satisfactory; not counted in total hours
- W - Official withdrawal; replaced "WF" and "WP", 9/1958
- WF - Withdrawal failing; discontinued 9/1958
- WP - Withdrawal passing; discontinued 9/1958
- X - Audit; no credit awarded

SPECIAL SYMBOLS BEFORE CREDIT HOURS

- A - Course retaken; original grade included; hours excluded
- AP - College credit earned as a high school student
- E - Course retaken and original grade excluded; effective 2/2012
- G - Graduate credit awarded; introduced 9/1974; previously "A" or "E"
- I - Course retaken and original grade included; effective 2/2012
- U - Undergraduate credit awarded; introduced 9/1974; previously "N"
- WV - Waived

DEAN'S LIST/DEAN'S RECOGNITION LIST (effective 5/2004 undergraduate only)

Notation of "Dean's List" for Full-Time students and "Dean's Recognition List" for Part-Time students. No retroactive notations are made.

5. INSTITUTIONAL NAME CHANGES

1850	St. Mary's School
1871	St. Mary's Institute
1913	St. Mary's College
1920	University of Dayton

6. SPECIAL PROGRAMS AND ENTRIES

- Dept. & No.:
ASI-SDL Arts & Sciences - Interdisciplinary-Self-Directed Learning.
-
- HMS-CLP Humanities-CLEP.
-
- H Following dept. and no. code designates Honors course.
-

One or two letters in department code (A, C, AF).....Course taken at Dayton Art Institute; credit granted by UD.

7. INSTITUTIONAL POLICY

All courses attempted and/or completed at this university appear on the permanent academic record.

Some degree titles and majors may reflect currently used terminology. Current course descriptions and academic programs can be viewed at catalog.udayton.edu.

8. ACCREDITATION

UD is accredited by the Higher Learning Commission of the North Central Association and is an approved NCATE Institution. See official catalogs for other accreditation.

**Office of the Registrar - Transcript Key
School of Law**

Only the quality points for grades A+ through F are included in the calculation of grade point averages.

Grade	Quality Points	Grade	Quality Points
A+	4.3	C+	2.3
A	4.0	C	2.0
A-	3.7	C-	1.7
B+	3.3	D+	1.3
B	3.0	D	1.0
B-	2.7	F	0.0

Other Grade Symbols:

- EX - Exceptional; credit awarded.
- S - Satisfactory; credit awarded.
- U - Unsatisfactory; no credit awarded.
- CR - Credit awarded.
- NC - No credit awarded.
- I - Incomplete.
- K - Credit awarded by other universities and accepted by UD.
- N - No grade reported by instructor.
- P - In progress (with approval).
- W - Official withdrawal.
- X - Audit; no credit awarded.

1. INSTITUTIONAL POLICY

All law courses attempted and/or completed at this university appear on the permanent academic record.

Requests for further explanation may be directed to the Office of the Registrar, University of Dayton, Dayton, Ohio 45469-1601, (937) 229-4141.

Release of transcript to other party requires written consent of the student. For more information, refer to go.udayton.edu.