

CIVIL AND ENVIRONMENTAL ENGINEERING DEPT

1. **Name:** Avera, Julia Burr

2. **Education:**

PhD	Engineering	Tennessee Tech University	1994
MAE	Education	Cumberland University	1991
MS	Civil Engineering	Tennessee Tech University	1987
BS	Civil Engineering	Tennessee Tech University	1984

3. **Academic Experience (FT= Full-time; PT = Part-time):**

Tennessee Tech University	Lecturer	CEE Faculty	2022-Present	FT
Tennessee Tech University	Instructor	CEE Faculty	2019-2022	FT
Macon County High School	Teacher	Chem/Physics/Engineering	1997-2018	FT
Tennessee Tech University	Asst. Professor	CEE Faculty	1994-1996	FT

4. **Non-Academic Experience (FT= Full-time; PT = Part-time):**

Tennessee Tech Univ	Research Associate	CEE	1991-1994	FT
USACE – Nashville	Hydraulic Engineer	Water Resources Division	1989-1992	FT
USACE – Nashville	Cost Engineer	Cost Engineering	1988-1989	FT
J.R. Wauford	Junior Design Engineer	Nashville Office	1987-1988	FT
ERC Associates	Engineer	Environmental consultant	1994-2010	PT

5. **Certifications and Professional Registrations (current):**

Professional Engineer, TN #021186	TN Dept. of Commerce & Ins.	1990-Present
Teacher License, TN#000169143	TN Dept. of Education	1992-Present

6. **Membership in Professional Organizations (current):**

Chi Epsilon	Honor Society	
ASCE	American Society of Civil Engineers	Member

7. **Honors and Awards:**

8. **Service Activities - Internal and External (last 5 years):**

TTU Showcase Days 2/25/23 and 3/4/23
 ALICE – Faculty Support SY2023
 Search Committee – Construction Management Position Spring 2022
 TTU Preview/Showcase Days 10/2/21 & 3/5/22
 TTU CEE Curriculum and Laboratory Committees 2019-Present
 MCJH Science Fair judge April/2022, April /2023

9. **Notable Publications and Presentations (last 5 years):**

10. **Professional Development Activities (last 5 years):**

Completed Stream Restoration for Design Professionals 11/12/21

Completed Inquiry-based learning Workshop 2020
Completed PLTW training to teach Aerospace, summer 2018