



Philadelphia University Ram



Research Center at Station Mills



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TOUR NOTES

ABOUT THE SCHOOL

Philadelphia University is a small, private university located in the East Falls neighborhood of Philadelphia. Originally named Philadelphia Textile School in 1884, and changed two more times (1941, Philadelphia Textile Institute and 1961, Philadelphia College of Textiles and Science), the school received University status in 1999. The University has approximately 2,700 undergraduate students and almost 500 graduate students. Over 52 buildings dot the University's 100-acre campus, including 20 laboratories and studios.

ENGINEERING & DESIGN INSTITUTE (EDI)

The Engineering & Design Institute was founded in 2000 as an "interdisciplinary research center focusing on green materials, sustainable design and education". The Pennsylvania Green Growth Partnership was formed by the Institute to be a multi-organizational initiative that links Pennsylvania companies to university researchers to spur the green building industry. The Institute also founded the Master's in Sustainable Design program. The Institute is located in Manayunk's Station Mills building. Inside is the Sustainable Design Resource Center, which creates opportunities to learn about sustainable design.

MASTER OF SCIENCE IN SUSTAINABLE DESIGN (MSSD)

The MSSD is an interdisciplinary program that offers students the opportunity to connect theoretical knowledge with environmental and energy-efficiency challenges. The program includes hands-on learning in special labs and design-build courses that focus on green materials.

CURRENT PROJECTS

Below is a sample of current projects at the EDI:

Exolation: Creating a low-cost, vandal-proof external insulation product that protects outside walls of rowhouses after an adjoining house has been torn down (patent received)

Active Wall: Developing passive, fabric-based, indoor air purification systems (patent application in process)

SPEAKER INFORMATION

Rob Fleming is the Co-Director of the Engineering & Design Institute and Program Director of the Master of Science in Sustainable Design at Philadelphia University. Sustainable design education is the primary focus of his career and courses at Philadelphia University. Professor Fleming received a Bachelor of Architecture degree from Temple University and a Master of Architecture from Virginia Tech: Washington Alexandria Architecture Consortium. He is a registered architect, LEED Accredited Professional, and consults to a number of firms designing green buildings.

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Engineering & Design Institute
www.philau.edu/thestudio/index.htm