



**SOUTHERN ILLINOIS UNIVERSITY  
EDWARDSVILLE**

# **WELCOME TO THE SCHOOL OF ENGINEERING**

**SCHOOL OF ENGINEERING**

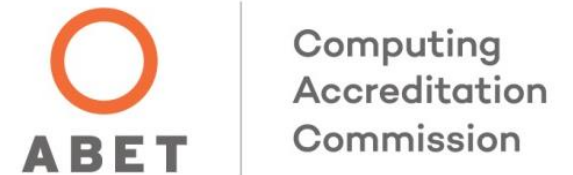
# Quick Facts

- Total enrollment ~ 1,500
- Teacher-scholar institution
- Strategically located in the St. Louis metro area
- Strong emphasis on experiential education
- Excellent placement rate
- Excellent student support
- Safe campus



# Undergraduate Programs

- Civil Engineering
- Electrical Engineering
- Computer Engineering
- Industrial Engineering
- Mechanical Engineering
- Mechatronics & Robotics Engineering
- Computer Science
- Construction Management



## New Programs

- Surveying & Geomatics
- Cybersecurity Engineering



# Master's and Accelerated Master's

- Civil Engineering
- Computer Science
- Electrical & Computer Engineering
- Industrial Engineering
- Mechanical Engineering

# Enrollment by Department (Fall 2023)

Department	Undergraduate	Graduate	Total
Civil Engineering	163	78	241
Computer Science	296	56	351
Construction	93	-	93
Electrical & Computer Engr.	177	68	245
Industrial Engineering	29	130	159
Mechanical & Mechatronics Engr.	313	77	390
<b>TOTAL</b>	<b>1117</b>	<b>425</b>	<b>1542</b>

# Support Programs

- Engineering Student Services office – dedicated SOE advisors
- Alumni, industry mentoring
- Math enrichment sections with interactive problem-solving sessions
- Tutoring



# Focused Interest Community

Engineering and technology  
focused interest community  
for upperclass students





# Engineering Building





# Student Chapters of National Societies

- American Concrete Institute (ACI)
- American Society of Civil Engineers (ASCE)
- American Society of Mechanical Engineers (ASME)
- Association of Computing Machinery (ACM)
- Constructors Club (AGC)
- Institute of Electrical and Electronic Engineers (IEEE)
- Institute of Industrial Engineers (IIE)
- Institute of Transportation Engineers (ITE)
- National Society of Black Engineers (NSBE)
- Society of Hispanic Professional Engineers (SHPE)
- Society of Manufacturing Engineers (SME)
- Society of Military Engineers (SAME)
- Society of Women Engineers (SWE)
- American Society of Heating, Refrigerating and Air Conditioning (ASHRAE)
- Surveying Club (NSPS)
- Biomedical Engineering Society (BMES)



# Student Design Teams and Competitions

- SAE Mini Baja
- SAE Formula Car
- Solar Car
- ASCE Concrete Canoe
- AISC Steel Bridge
- ASCE Geowall
- Autonomous robotics
- Human-powered vehicle
- IEEE Black box, Extreme Coding, Ethics
- ACI Concrete Bowling Ball, FRP Beam, etc.
- Cougar Rockets

# School of Engineering Scholarships

- Charles Alvin Wentz Jr.
- James C. Fowler
- M.B. Corlew Memorial
- Oates Associates
- RJN Foundation
- Vicki Larose
- Dr. Robert Rutledge Memorial
- Mike & Verbal Blakey
- Bollini Scholarship
- SooBok Wee
- William H. Gentry
- Grace Murray Hopper
- Arthur Kuhlman
- Charles H. and L. Jane Coffin
- Thomas P. Anderson Memorial
- Evan David Allen
- Russell C. Solomon
- Brett Zoelzer Memorial
- IPLSA
- Holland Construction Services
- Sherrill Family
- Western Construction
- Ralph F. Korte
- Emeritus Dean Hasan Sevim
- BRIC Partnership
- NAWIC
- C.A. Jones
- And more!

# Co-op and Internships

- Very important to future employment opportunities
- Traditional Summer Internships
- Traditional Co-op: 40 hrs/week + 0-6 credit hours
- Parallel Co-op: 20 hrs/week + 12 or more credit hours
- Career Development Center helps place student into internships and co-ops
- Fall and Spring Engineering Career Fair and IT Career Fair

# Companies That Hire Our Graduates

## Civil Engineering

- Oates Associates, Inc.
- MODOT / IDOT
- Cannon Design
- Hansen Engineering
- Jacobs

## Computer Science

- Bayer
- AT&T
- Centene Corporation
- Enterprise
- Edward Jones

## Construction

- Alberici Constructors
- McCarthy Construction
- Holland Construction Services
- The Korte Construction Company
- S.M. Wilson & Co.

## Electrical and Computer Engineering

- Ameren
- The Boeing Company
- Basler Electric
- Lockheed-Martin
- Nestle Purina
- MAVERICK Technologies

## Industrial Engineering

- The Boeing Company
- Schnucks
- UPS
- Medtronic
- DRS Sustainment Systems

## Mechanical Engineering

- Olin
- Emerson
- Anheuser Busch InBev
- Caterpillar
- General Electric

# Companies That Hire Our Graduates

DAVIDAUBSOUTH PHARMACEUTICALS

Stations AEC  
Mastercard Worldwide  
The Avickle Companies  
The Koel's Corporation  
The Mathes & Associates Inc  
The Prairie County Sewer District - MSD  
Thouvenot Wade & Moerchen Inc  
Mid America Motorworks  
Titan Aerospace  
Midwest Engineering Company LLC  
True Manufacturing Company  
Missouri Sportservice  
Turner Electric Corp  
MO Dept of Transportation (MoDOT)  
United Industries Corp/Spectrum  
Monroe County Electric Co-Operative Inc  
United States Steel/Granite City Works  
Unlimited Prepay Distribution  
R&D Counter Tops Inc  
US Army Corps of Engineers  
Kadean Construction Co  
JTC Aerospace Systems  
Kaskaskia Engineering Group LLC  
Utility Design Services  
Kiran Analytics Inc  
Vee-Jay Cement Contracting Co Inc  
Kisinger Campo & Associates  
Veolia Environmental Services  
Korte & Lutzjahn Contractors Inc  
Kraft Foods  
Vintech Solutions Inc  
Lead IT Corporation

DAVIDAUBSOUTH ASSOCIATES INC

Beetz & Construction Co  
BOWEN Engineers Inc  
Draide Manufacturing Illinois  
Dyann State Contracting Co LLC  
Ead Plas Inc  
RBC Construction Co  
Riverside Construction LLC  
Electric Mach Assy Company Inc  
Sachs Electric & Rodgers Division  
Scottsdale Electric  
SDOT EA Storage Deployment & Distribution Command  
EMR Group  
Sheppard, Morgan & Schwaab Inc  
Enertech Global LLC  
Sherbut-Carson-Claxton LLC  
Bayer  
Siemens PLM Software  
Motor Appliance Corporation  
Honda R & D Americas Inc  
MVP Fitness  
Hubbell Inc  
Nascote Industries  
Hubzco Inc  
National Personnel Records Center  
(CPR) Engineering Company  
National Gas Fueling Solution  
NI Environmental Protection Agency

DAVIDAUBSOUTH COOPERATIVE

Choys Chemical Corporation  
City of Edwardsville  
CMEC O'Fallon MO  
Simier Design Inc  
Shaver Construction Company  
Shosech Top Recycling  
Soler & Associates Inc  
Corporate Services Inc  
American Bottoms Regional Wastewater Treatment Facility Control Devices LLC  
Amsted Rail International  
Cope Plastics Inc  
Anheuser-Busch InBev  
Cummins Inc  
Arrow Shed  
FAS Technology Group  
ATB Technologies  
Forensic IT Inc  
Bam Brands  
Foresight Services  
Bank of Edwardsville  
Gardner Denver Inc  
Barry-Wehmiller Design Group Inc  
Geil Tech  
Basler Electric  
General Mills  
Bastian Robotics  
Geotechnology Inc  
Bergo Industrial  
GRP Mechanical  
Bilfinger Industrial Services

# Contact Us



**Chris Gordon**

Associate Dean  
618-650-2867  
cgordon@siue.edu

