Eastern Michigan University

State Capital Outlay Request FY 2024 Engineering & Technology Complex Phase II (Roosevelt Hall) Renovations



EMU Proposal Summary

- Phase II of Engineering & Technology Complex
- Renovate Roosevelt Hall to support and grow EMU's advanced technology and engineering programs
- \$42.5 million project cost (\$30m requested from State, \$12.5m to be paid by EMU)
- Will bring a historic building up to modern standards for technology programs and free up space in Sill Hall for engineering program expansion.





Engineering & Technology Complex Overview

completes

Phase I – Sill Hall Renovation

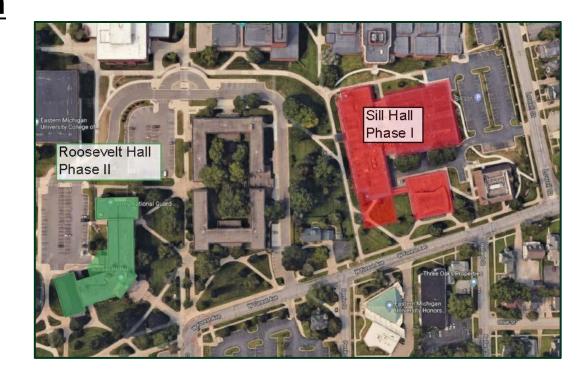
\$40m self-funded by EMU

- Engineering & Tech
- Opened Fall 2020



Phase II – Roosevelt Hall

\$42.5m requested joint project with the State of Michigan



Phase I of EMU's Engineering & Technology Complex





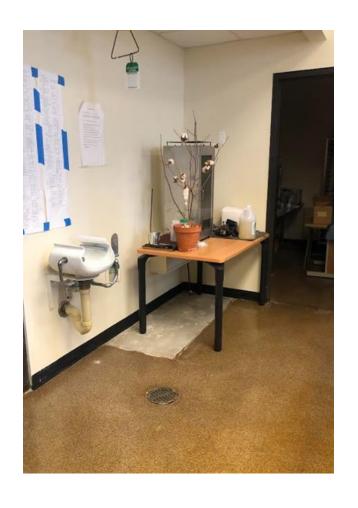
Sill Hall: Before

Sill Hall: After

Phase II of EMU's Engineering & Technology Complex







Roosevelt Hall: Current (interior)

Roosevelt Hall Project Details





- ☐ Renovate 75,600 sq. ft. built in 1924 (last renovated: 1972)
- Classrooms, labs, student collaboration spaces, and faculty offices brought up to modern standards for advanced technology education
- □ Planning for LEED certification
- ☐ Impacting <u>advanced technology</u> programs in Cybersecurity, Aviation, Construction Management, Interior Design, Animation & Gaming, and ROTC
- ☐ Impacting <u>engineering</u> programs in Civil, Mechanical, Electrical, and Computer Engineering
- ☐ Employ approx. 250 construction/trades jobs (est.)

About Eastern Michigan University



Serving nearly 15,000 students

- Nearly 90% of EMU students are from Michigan
- Vast majority of EMU students stay in Michigan after graduation





Over 150 community college articulation agreements – more than any other university in Michigan

- Almost half of these agreements are in engineering & technology
- Highly ranked for providing social mobility to students





EMU: An Institution Of Opportunity

Michigan public university in % of undergraduate students who identify as an underrepresented minority

Military-friendly university in Michigan (#2 nationally)



Michigan university in % of students <u>and</u> graduates in <u>engineering & technology programs</u> who identify as Black

47% of first-year students receive Pell Grants



1. Source: American Society of Engineering Education data

Michigan Needs More Advanced Technology & Engineering Professionals

These high paying jobs:

- drive technological advancements in Michigan,
- bring or keep families in Michigan, and
- drive our local economies forward resulting in greater tax revenues.

Job Category	% Increase by 2030	% Annual Turnover
Aviation	8.5%	10.9%
Engineering*	9.0%	7.9%
Cybersecurity	21.5%	10.9%
Simulation, Animation, Gaming (SAG)	3.6%	9.8%
Source: http://www.projectionscentral.com/Projections/LongTerm		

^{*}Includes engineering specialties that EMU programs support – Civil, Chemical, Electrical, & Mechanical.

EMU Is Meeting Michigan's Need For Advanced Technology & Engineering Professionals

- MEDC and ESD report more than 20,000 new jobs are created every year in Michigan in the engineering and technology fields...
- But all engineering & technology colleges/universities in Michigan graduate only 8,000 new graduates every year
- EMU's GameAbove College of Engineering & Technology (GACET) has grown from 9% of all EMU students in 2015 to 15% in 2023
- EMU's GACET has 180+ advisory board members from Michigan businesses advising our program development





DTMB Scoring & Historic Funding

 DTMB scored EMU's Roosevelt Hall project #1 in FY 2023 and 2024 among capital outlay requests



- EMU ranks near the bottom (11 out of 15) in capital outlay funding from the State since 1992
- EMU ranks last (15 out of 15) in number of capital outlay projects since 1992



EMU engineering
students
attending the
National Society
of Black
Engineers
Conference in
March 2023



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QUESTIONS?