



**SUMMER
SPRINGBOARD**
Look Inward. Go Upward.

Mechanical Engineering Infosheet

New student admissions for
Summer 2024 are open.



Program Highlights

- Develop an understanding of fundamental mechanical engineering principles.
- Collaborate with other students on design projects that challenge your problem-solving skills and creativity.
- Gain hands-on experience through laboratory experiments and design projects.
- Explore the wide-ranging applications of mechanical engineering across various industries.
- Discover a wide range of career options within the mechanical engineering field and explore the impact of this profession on various industries.



Academic Program Overview

Do you have a passion for engineering, innovation, and problem-solving? Our Mechanical Engineering program offers you the opportunity to explore one of the most dynamic and versatile engineering fields. Over two weeks, you'll dive into the exciting world of Mechanical Engineering, gaining a strong foundation in key concepts, participating in hands-on projects, and discovering the limitless potential of this field.



Excursions

- Students will visit the Marine Hydrodynamics lab at the University of Michigan
- Explore a Robotics and Automation lab.
- Tours of engineering facilities to witness real-world applications.
- Interaction with industry professionals and experts in the field.



2024 Dates

[University of Michigan](#)

- Session 1: July 21 - August 02

Instructors

Dr. G. Gilou Agbaglah

Professor of Mechanical Engineering at Wayne State University in Detroit, Michigan, boasts a rich academic background, including esteemed roles as a postdoctoral fellow at the University of Ottawa, Cornell University, and the University of Michigan. His global academic journey spans from earning his Master's in Applied Mathematics in Lomé, Togo, to a Master of Science in Fluid Dynamics from Paris, France, and finally obtaining a PhD in Mechanical Engineering from Sorbonne Université in Paris in 2011. Dr. Agbaglah's research, focused on fluid dynamics, utilizes advanced theoretical and computational methods, all while emphasizing the preparation of students for successful engineering careers. With a decade of teaching experience across various levels, he passionately cultivates tomorrow's engineering leaders through practical, tailored curricula.

Tuition Information:

Residential Students:

- Includes: all meals, lodging, excursions, academic course, weekend excursions
- Excludes: optional airport pickup and drop off service (available for an additional fee)
- Price: \$5,498

Commuter Students:

- Includes: lunch, academic course, excursions, programming from 9am to 6pm, Monday-Friday
- Excludes: lodging, breakfast, dinner, weekend excursions
 - Weekend excursions can be added on for \$125 per day
- Price: \$3,198

Supplements:

- Application fee: \$99 (mandatory, non-refundable)
- Tuition Protection Plan: Allows for cancellation for any reason up until the day of the program. Click [here](#) for more info.



Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm, Monday - Friday. During week two, students have class from 9am-12pm Monday through Thursday. Wednesday afternoons are dedicated to additional academic time (excursions, speakers).



Typical Schedule



[More info on Airport Transfer](#)

[More info on Unaccompanied Minor Service](#)

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Summer Springboard programs are not run by our campus partners (with the exception of Cal Poly which is run in partnership with SSB). Universities and their affiliated departments and partners do not control and are not responsible or liable in any manner for any part of the Summer Springboard program.

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