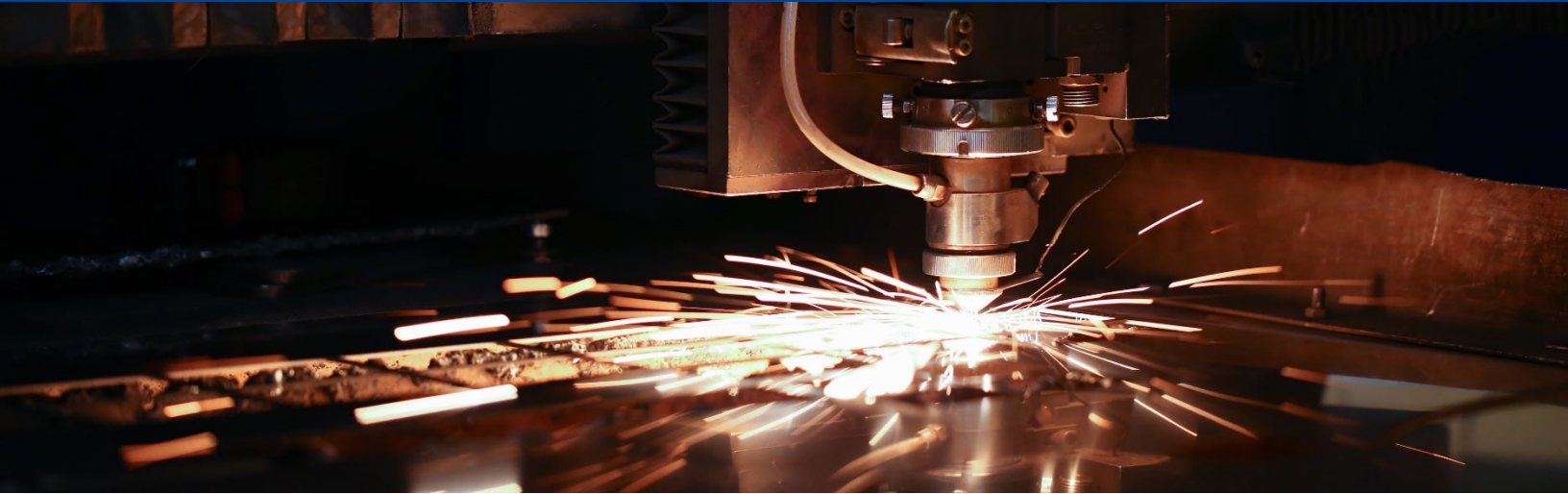


GLOBAL MECHANICAL ENGINEERING

EXPERIENTIAL LEARNING



OVERVIEW

Through global immersive experiences, engineering students will learn how major organizations navigate cross-cultural communication, collaborate across borders, as well as expose them to international engineering practices and leadership. Students are challenged to apply these lessons to their studies and work back home, paving the way for the future of engineering.

TRENDING MECHANICAL ENGINEERING DESTINATIONS

› Houston, Texas

- Home to NASA's Johnson Space Center, Houston has a long history of challenging the limits on engineering. In Houston, students are challenged to learn more about how high technology is influencing innovative solutions and impacting the engineering field.

› *Suggested City Pairing: Charleston, South Carolina, United States*

› Tokyo, Japan

- From automobiles to robots, Japan is recognized worldwide for its advancements in technology. Gain insight into the country's engineering practices, work culture, and forward-thinking that has led to a global revolution of AI and advanced, tech-enabled machinery.

› *Suggested City Pairing: Hong Kong, Hong Kong*

› Panama City, Panama

- By visiting the home of the 100-year-old Panama Canal, students will learn more about how engineering design can influence business and culture. Witness how engineers take local, environmental, and geographic factors into account when developing practical and innovative solutions.

› *Suggested City Pairing: Mexico City, Mexico*



› **Cape Town, South Africa**

- In Cape Town, students can learn first-hand about South Africa's developments in integrating engineering and technology. Gain insight into the challenges of working in this region, and how engineers are implementing social and environmental solutions across industries.
 - › *Suggested City Pairing: Johannesburg, South Africa*

› **Berlin, Germany**

- German engineering has developed a revered reputation of quality, ingenuity, and innovation. Learn from champions of industry what sets German engineering apart and how students can apply these ideas to their own careers and courses of study.
 - › *Suggested City Pairing: Zurich, Switzerland*

› **Melbourne, Australia**

- A country dedicated to green energy and renewable resources, Australia will provide students greater insight into the innovative ways engineers are improving society. Learn from experts as to how this coastal city is dedicated to providing quality education and experiences for engineers to challenge themselves in new ways.
 - › *Suggested City Pairing: Sydney, Australia*

SAMPLE ENGAGEMENT TOPICS

- › Mechanical Engineering Systems & Management
- › Utilizing Innovation and Technology in Engineering
- › Engineering the Future: Insight into How the Field is Changing
- › Strategic Issues and Trends in Cross-disciplinary Engineering
- › Project Management in Engineering Consulting
- › Sustainable Engineering Practices in Urban Environments

TIME FRAME

- › 7-10 days in country
- › 4-6 unique organizational meeting and experiential learning opportunities
- › 2-4 days of cultural engagements

HOW IT WORKS

- › Each program has a dedicated Curriculum Coordinator to customize educational experiences to meet your learning objectives
- › During the months preceding your program, your Curriculum Coordinator works with you and company partners in-country to curate engagements within key destination industries
- › Engagements typically last 1.5 – 2 hours, encompassing a strategic presentation by the host organization, Q&A, discussion, and a tour (where possible)

Our aim is to customize each and every program to your learning objectives, and we encourage you to discuss your specific destination and theme ideas with your Program Development Manager.