MEMORIAL UNIVERSITY

Civil Engineering Department

Most of us cannot imagine a world without roads, bridges, water supply, waste treatment facilities and power delivered to our homes. As a civil engineer, you will plan, design and build infrastructure that is used by millions of people every day. You'll also manage, operate and maintain them.

Memorial offers well-balanced, diverse courses across a range of engineering specialties: structural; construction; geotechnical; water resources; environmental; transportation; and offshore, coastal and ocean. In your final semester, your studies will culminate in a large group project under the supervision of a registered professional engineer.

Dr. Bing Chen

Department Head

Our People (Alphabetic order)

Adluri, Seshu
Structural Engineering

Bazan, Carlos
Entrepreneurship and Commercialization

Bruneau, Steve
Coastal Engineering

Chen, Bing
Environmental Engineering

Coles, Cynthia
Environmental Engineering

Dhar, Ashutosh
Geotechnical Engineering

Joseph Daraio
Resilient Infrastructure

Hassan, Assem
Structural Engineering

Hawlader, Bipul
Geotechnical Engineering

Suzanne Hurley
International Development

Hussein, Amgad
Structural engineering

Husain, Tahir
Environmental Engineering

Saady, Noori
Environmental Engineering

Shiri, Hodjat
Geotechnical Engineering

Snelgrove, Ken
Hydrology

Spracklin-Reid, Darlene
Construction Management

Zhang, Baiyu (Helen)
Environmental Engineering

Welcome to Civil Engineering at Memorial University

FACULTY OF ENGINEERING & APPLIED SCIENCE

Contact us

Dr. Bing Chen, Department Head
EN-3017, 709-864-8958
bchen@mun.ca

Sandra Banfield, Secretary
EN3000A, 709-864-2022
sbanfield@mun.ca

Our People

Banfield, Sandra, Secretary

Organ, Shawn, Lab Technologist

Tao, Lidan, Laboratory Instructor

Tinkov, Jamal, Lab Technologist

Civil Engineering

Memorial University's civil engineering undergraduate program is broad, encompassing several distinct areas of specialization. The scope of civil engineering includes design, planning, managing and construction of highways, airports, harbours, dams, hydro developments, bridges, buildings, industrial plants, site remediation, pollution control and other environmental and water resources management projects.

Civil engineers work in all levels of government and for a wide variety of industries, from engineering consulting firms to construction companies. There are many areas of specialization; traditional areas include hydrotechnical, environmental, municipal, geotechnical, construction, structural, and transportation engineering. Emerging sub-disciplines include composite materials, environmental risk assessment and management, offshore structural safety and maintenance, infrastructure engineering and real-time condition monitoring.

Our Students

Our students enjoy an excellent learning environment, laboratories, and interaction with excellent team of professors to prepare them to practice the profession.

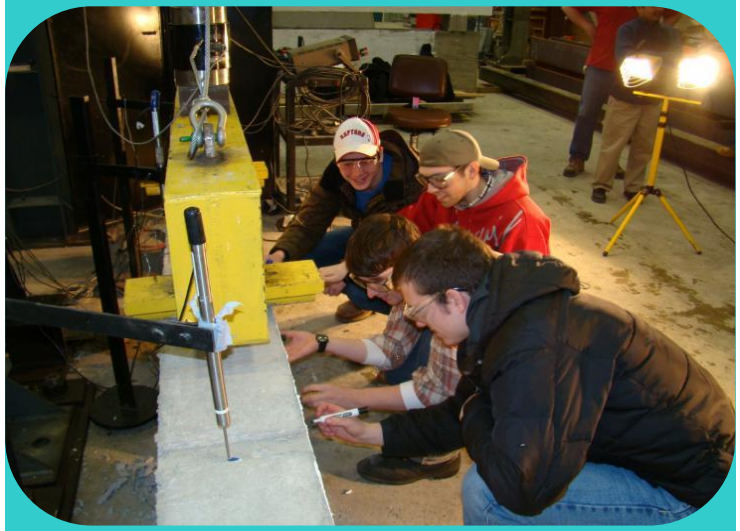
The records of our students'' achievements in national and international competitions is excellent.

We invite you to visit our website to learn more about our department, staff, and current news. There are special sections
for undergraduate, graduate and future students as well as our research areas, projects and facilities.

Good luck in your studies. If you have any questions, feel free to contact us or visit any of our faculty members in the department.

Software

Students use AutoCAD 2D & 3D (for drafting/drawing), REVIT (For detailing), SAP2000, STAAD PRO and E TABS (for design), Autodesk Civil 3D, PRIMAVERA (For management), 3d max, V ray for modelling, EPANET (designing of water tanks and distribution systems), MX roads, and other software.



Our Graduates

Our graduates are in high demand because of the experience they've garnered through rewarding work placements. They go on to have successful careers in the public and private sectors and in educational institutions. Many students are attracted to our civil engineering program for offshore oil and gas development, which is unique because of our proximity to the ocean.