

New Brunswick Community College (NBCC)

Overview

New Brunswick Community College (NBCC) offers over 90 programs in 6 different locations, teaching the necessary skills to achieve potential in the classroom and in the workforce. NBCC is interested in working with industry to support economic development in the province. Using the College's expertise, equipment and facilities, NBCC can help solve technical and business problems, take advantage of market opportunities, and develop new innovative technologies and processes that will enhance the way we live, work and do business.

Research Capabilities

The New Brunswick Community College is interested in working with industry to support economic development in the province. Through its faculty expertise, regional facilities and equipment, NBCC can help solve technical and business problems, take advantage of market opportunities, and develop new innovative technologies and processes that will enhance the way we live, work and do business. NBCC offers over 90 programs, in 16 different economic sectors, at its six campuses across the province. The college's key areas of research focus strategically involve the sectors in which they have strong academic programming, knowledge and expertise.

Innovations in Healthcare

This research theme supports applied research projects that advance knowledge and practice in healthcare. Instructors in the College's health programs are interested in how the use of new and existing technologies can help healthcare professionals provide better patient care. NBCC is interested in interprofessional and interdisciplinary opportunities for potential applied research projects with medical, allied health, nursing and other health professionals and students throughout the province. A simulation facility, located at NBCC's Allied Health Education Centre in Saint John, offers excellent opportunities for interprofessional applied research.

Energy Efficiency Technology

With a wide array of engineering technology and trade programs at NBCC, students and staff offer expertise, infrastructure and experience in a variety of energy efficiency technology fields. Nationally accredited engineering technology programs produce senior technical reports that provide opportunities to collaborate with industry partners and subsequently offer practical solutions to real problems.

Advanced Welding Technology

NBCC has the capacity to provide technical expertise in manufacturing and metals applied research focused on advanced welding technologies. The College offers expertise in welding and steel fabrication technologies and non-destructive testing applications to companies that seek to improve and innovate their processes. Keeping up with new technologies in shipping, mining, and other related industries is a challenge and a priority for industry today and NBCC can partner with companies on applied research and testing projects in new and advanced welding technologies.

Innovations in Teaching, Learning and Services for Students

NBCC's interest in teaching, learning and student services opens the doors to potential applied research partnerships that explore courseware and software development, new learning strategies and technologies. The College is seeking collaborative

opportunities to develop and improve essential services for today's learners that will help them succeed. Student success is the strongest thread in our organizational fabric and NBCC is interested in collaborating with other post-secondary institutions and community partners to explore new and innovative educational delivery methods, as well as student supports and services that are relevant, accessible and flexible.

Mobile Technology

An applied research focus on mobile device capabilities can bring programming in line with real world trends and forecasted further penetration of mobile devices. Mobile technology can improve how to receive, with limited bandwidth, large amounts of constantly changing data and how to process it rapidly, securely, and more effectively by using platforms designed specifically for mobile devices. Mobile first solutions will directly and positively impact the competitive position of small and medium enterprises (SMEs) in New Brunswick and position them to take advantage of present and future opportunities within this sector.

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