

**Nova Scotia Productivity and Innovation Voucher Program
Program Service Provider Information Form**

Organization	Nova Scotia Community College (NSCC)			
Business address	Applied Research Office 50 Elliott Road Lawrencetown, NS B0S 1M0 http://www.nsccl.ca/About_NSCC/Applied_Research			
Primary Organizational Contact	Name	Title	Phone #	E-mail
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Proposed Services

<p>1. Applied Research: NSCC Applied Research brings a broad range of facilities and capabilities in areas including: Environmental Sciences; Resource Management; Renewable Energy; Mechanical, Electrical and Electronic Technology; Health and Human Services; Information Technology; Building Technology; and Sustainability. The Applied Geomatics Research Group (AGRG) offers experts, facilities, and various geomatics technologies (including LiDAR, GPS, GIS, and remote sensing) to enable research and business applications in areas such as hydrology, forestry, coastal flood mapping, and geology (see http://agrg.cogs.nsccl.ca). NSCC Medical Devices assists with the design and development of medical devices and other technologies. NSCC Applied Energy Research (AER) coordinates the use of facilities and equipment to support the development of energy-related technologies.</p>
<p>2. Scientific/Technology Related Advice and Support: NSCC Business Development offers services for curriculum, program, and training development, as well as design and delivery. NSCC Health & Human Services offers professional development advice. NSCC Applied Energy Research services include renewable energy decision support; renewable energy system pre-feasibility screening for solar, wind, tidal, biomass, energy conservation, and other energy-system designs. AGRG can provide advice on the application of geomatics technologies, including operation workflows, resource requirements, web-integration of mapping applications, and assessments for organizations contemplating LiDAR acquisition. AGRG supports web design, management and webGIS services. Experience includes water quality, wind/solar atlas, agricultural land-use, and community mapping.</p>
<p>3. Proof of Concept, Field Testing, Product Evaluation & Certification: NSCC will assist in the development of testing programs, product evaluation and Proof of Concept for devices and technologies related to medical, mechanical, energy, and other sectors. Additionally, NSCC can provide evaluation of fisheries and marine related technologies which may include sea and/or wave pool testing.</p>
<p>4. Prototyping: NSCC has the capacity for early stage design and prototype development, and/or refinement of existing prototypes, through mechanical, electrical and electronic engineering technology and precision machining.</p>
<p>5. Product Design: Assistance is available in developing specifications, design and CAD drawings utilizing mechanical/electrical/electronic technology for medical devices and other applications.</p>
<p>6. Feasibility Studies to move a new product or service to Market: A wide range of opportunities are available such as energy feasibility studies; assessment of technical requirements for development of medical and other devices; marine fisheries and marine related</p>

technologies; labour market studies related to Health & Human Services; Business Development services related to needs assessment, standard operating procedures and organizational learning growth and capacity.

7. Eco-efficiency Audits: Services include greenhouse gas (GHG) emissions and carbon-credit assessment and energy performance auditing.



Economic and Rural Development and Tourism

www.gov.ns.ca/econ/pnivouchers/

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