**ONTARIO COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

**CREDENTIALS VALIDATION SERVICE**

**APPLICATION FOR PROGRAM VALIDATION**

**This proposal will be sent to MTCU for Approval for Funding: ✓**  **Yes** 🞏 **No**

|  |
| --- |
| **1. College: Mohawk College of Applied Arts and Technology** |
| **2. College contact persons responsible for this proposal:**Name: Jay Notay Roberta Weiss Title: Associate Dean–Elec./Computer Engineering Techn’y Quality Process & Project Consultant Tel: 905-575-2146 905-575-2431 E-mail: jay.notay@mohawkcollege.ca roberta.weiss@mohawkcollege.ca  |
| **3. Proposed Program Title: Energy Systems Engineering Technician - Clean and Renewable Energy** |
| **4. Proposed Credential:** (please indicate below) Local Board Approved Certificate 🞏 Ontario College Certificate 🞏 Ontario College Diploma **✓** Ontario College Advanced Diploma 🞏 Ontario College Graduate Certificate 🞏 |
| **5. Proposed Program Outcomes:** Attached: Two Program Maps (Appendix A - Form 1 and Form 2) - Attached |
| **6. Proposed Program Description:**Attached: Program Description Form (Appendix B) - Attached |
| **7. Proposed Program Curriculum:** Attached: Program Curriculum Form (Appendix C) - Attached |
| **8. Proposed Program Certification/Accreditation:** Please complete and attach the Regulatory Status Form (Appendix D) ) - Attached |
| **9. Date of Submission: November 22, 2010** |
| **10. Date of CVS Response:** |
| **11. Validation Decision:** 🞏 Proposal Validated (APS Number: ) 🞏 Proposal not Validated. Reason: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Signed on behalf of CVS:** |

Send the completed form and required appendices to: klassen@collegecvs.on.ca

For detailed information on how to complete the Application for Program Validation, please refer to the Instructions for Submission document. For any additional information contact: College Credential Validation Service, 655 Bay Street, Suite 400, Toronto, ON M5G 2K4; or by telephone at (416) 596-8799

**ONTARIO COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

**CREDENTIALS VALIDATION SERVICE**

**APPENDIX A - PROGRAM MAPS**

**(Vocational Program Outcomes & Essential Employability Skills Outcomes)**

**Vocational Program Learning Outcomes:**

Form 1(attached) is provided to assist you in mapping your proposed program vocational learning outcomes against existing vocational outcomes found in either Provincial Program Standards or in Provincial Program Descriptions.

Where there is a relevant Provincial Program Standard, the approved Vocational Learning Outcomes must appear in the first column, followed by your proposed program vocational learning outcomes.

Where there are no Provincial Program Standards, the first column will contain program outcomes from the Provincial Program Description. Again, your proposed program vocational learning outcomes will be added in the middle column.

**NOTE:** ***Both these types of documents can be obtained from staff at the CVS or at the Colleges Branch, MTCU.***

The last column will contain a list of the relevant curriculum proposed in your program to address the outcome in a manner that ensures the graduate will have reliably demonstrated the required skill or ability. Course numbers or course codes, corresponding to those provided in your list of courses (Appendix C), are sufficient in this column.

**Essential Employability Skills Outcomes:**

A mapping of the Essential Employability Skills (EES) will be done on Form 2 (attached).

The instructions / requirements for this map are the same as for the Vocational Program Map. The first three columns contain the approved skill categories, the defining skills, and the EES learning outcomes. The last column will contain the proposed curriculum (as listed in Appendix C) that will ensure the meeting of these outcomes.

**ONTARIO COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

**CREDENTIALS VALIDATION SERVICE**

**APPENDIX A - PROGRAM MAPS**

**Form 1 - Vocational Program Outcomes**

|  |  |  |
| --- | --- | --- |
| **PROVINCIAL PROGRAM STANDARD VOCATIONAL LEARNING OUTCOMES / PROVINCIAL PROGRAM DESCRIPTION OUTCOMES****MTCU Code: 55503 Energy Systems Engineering Technician** | **PROPOSED PROGRAM VOCATIONAL LEARNING OUTCOMES** | **COURSE TITLE / COURSE CODE** (From Appendix C) |
| 1. Perform an assessment of the total energy losses in an existing structure, be it residential or small-scale (<20,000 ft²) commercial or industrial structure.
 | 1. Perform an assessment of the total energy losses in an existing structure, be it residential or small-scale (<20,000 ft²) commercial or industrial structure.
 | Engineering Mathematics 1Engineering Mathematics 2Electrical Engineering Drafting and DesignHeat Load CalculationsCapstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| 1. Identify the major energy-consuming systems and equipment within such a facility and assess the energy efficiency of each one.
 | 1. Assess and make recommendations in regard to the energy efficiency of major energy-consuming systems.
 | CommunicationsIntro to Clean & Renewable EnergyEngineering Mathematics 1Digital PrinciplesElectronic DevicesElectricity 2Engineering Mathematics 2Clean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Heat Load CalculationsCapstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| 1. Install, repair, maintain, modify and calibrate energy consuming systems and alternative energy systems appropriate for small scale (<20,000 ft²) residential, commercial or industrial structures.
 | 1. Install, maintain, diagnose, repair, modify and calibrate clean and renewable energy systems appropriate for small scale (<20,000 ft²) residential, commercial or industrial structures.
 | Engineering SkillsElectricity 1Computer Hardware & SoftwareNetwork FundamentalsDigital PrinciplesElectronic DevicesElectricity 2Renewable Energy Systems ControlElectrical Engineering Drafting and DesignClean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| 1. Identify the major structural areas of heat and energy loss and specify the degree of loss in each area.
 | See #1 |  |
| 1. Outline mechanisms for improved energy efficiency through changes in structure, energy systems or control strategies.
 | 1. Outline mechanisms for improved energy efficiency through changes in structure, energy systems or control strategies.
 | CommunicationsIntro to Clean & Renewable EnergyElectronic DevicesElectricity 1Electricity 2Clean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Heat Load CalculationsCapstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| 1. Predict the cost savings for the implementation of any particular energy strategy.
 | 1. Predict the cost savings for the implementation of clean and renewable energy strategies.
 | Intro to Clean & Renewable EnergyEngineering Mathematics 1Engineering Mathematics 2Heat Load CalculationsCapstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
|  | 1. Adhere to the legal, regulatory and health and safety codes and guidelines.
 | Engineering SkillsElectricity 1Electricity 2Electrical Engineering Drafting and DesignClean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Codes, Acts & RegulationsCapstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
|  | 1. Retrofit existing conventional systems applying green energy management techniques for efficient and clean energy generation and distribution.
 | Intro to Clean & Renewable EnergyElectricity 1Engineering Mathematics 1Digital PrinciplesElectronic DevicesElectricity 2Engineering Mathematics 2Renewable Energy Systems ControlHeat Load CalculationsClean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |

**ONTARIO COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

**CREDENTIALS VALIDATION SERVICE**

**APPENDIX A - PROGRAM MAPS**

**Form 2 - Essential Employability Skills Outcomes**

| **SKILL CATEGORIES** | **DEFINING SKILLS****Skill areas to be demonstrated by the graduates** | **ESSENTIAL EMPLOYABILITY SKILLS OUTCOMES****The graduate has reliably demonstrated the ability to:** | **COURSE TITLE / COURSE CODE** (From Appendix C) |
| --- | --- | --- | --- |
| **COMMUNICATION** | * Reading
* Writing
* Speaking
* Listening
* Presenting
* Visual Literacy
 | * communicate clearly, concisely, and correctly in the written, spoken, and visual form that fulfils the purpose and meets the needs of the audience
 | CommunicationsEngineering Skills 1Electricity 1Computer Hardware and SoftwareNetwork FundamentalsElectronic DevicesElectricity 2Environmental Ethics and Management (Gen. Ed.)Electrical Engineering Drafting and Design 1Clean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Active Citizenship (Gen. Ed.)Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| * respond to written, spoken, or visual messages in a manner that ensures effective communication
 | CommunicationsEngineering Skills 1Electricity 1Digital PrinciplesElectronic DevicesElectricity 2Electrical Engineering Drafting and Design 1Clean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Active Citizenship (Gen. Ed.)Codes, Acts, and Regulations |
| **NUMERACY** | * Understanding and applying mathematical concepts and reasoning
* Analysing and using numerical data
* Conceptualizing
 | * execute mathematical operations accurately
 | Engineering Skills 1Electricity 1Computer Hardware and SoftwareEngineering Mathematics 1Network FundamentalsElectronic DevicesElectricity 2Engineering Mathematics 2Renewable Energy Systems ControlElectrical Engineering Drafting and Design 1Clean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Heat Load CalculationsCapstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| **CRITICAL THINKING & PROBLEM SOLVING** | * Analysing
* Synthesizing
* Evaluating
* Decision-making
* Creative and innovative thinking
 | * apply a systematic approach to solve problems
 | Computer Hardware and SoftwareEngineering Mathematics 1Network FundamentalsDigital PrinciplesElectronic DevicesEngineering Mathematics 2Renewable Energy Systems ControlElectrical Engineering Drafting and Design 1Heat Load CalculationsCodes, Acts, and Regulations |
| * use a variety of thinking skills to anticipate and solve problems
 | CommunicationsComputer Hardware and SoftwareEngineering Mathematics 1Network FundamentalsElectronic DevicesEngineering Mathematics 2Renewable Energy Systems ControlClean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Heat Load CalculationsActive Citizenship (Gen. Ed.)Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| **INFORMATION MANAGEMENT** | * Gathering and managing information
* Selecting and using appropriate tools and technology for a task or a project
* Computer literacy
* Internet skills
 | * locate, select, organize, and document information using appropriate technology and information systems
 | CommunicationsComputer Hardware and SoftwareDigital PrinciplesElectronic DevicesRenewable Energy Systems ControlCodes, Acts, and Regulations |
| * analyse, evaluate, and apply relevant information from a variety of sources
 | CommunicationsComputer Hardware and SoftwareIntro to Clean & Renewable TechnologyNetwork FundamentalsElectronic DevicesRenewable Energy Systems ControlElectrical Engineering Drafting and Design 1Clean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Heat Load CalculationsActive Citizenship (Gen. Ed.)Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| **INTER-PERSONAL** | * Team work
* Relationship management
* Conflict resolution
* Leadership
* Networking
 | * show respect for the diverse opinions, values, belief systems, and contributions of others
 | Intro to Clean & Renewable TechnologyNetwork FundamentalsEnvironmental Ethics and Management (Gen. Ed.)Active Citizenship (Gen. Ed.)Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| * interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals
 | CommunicationsEngineering Skills 1Electricity 1Network FundamentalsElectricity 2Clean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| **PERSONAL** | * Managing self
* Managing change and being flexible and adaptable
* Engaging in reflective practices
* Demonstrating personal responsibility
 | * manage the use of time and other resources to complete projects
 | Engineering Skills 1Electricity 1Network FundamentalsElectricity 2Electrical Engineering Drafting and Design 1Clean & Renewable Technician 1Clean & Renewable Technician 2Clean & Renewable Technician 3Clean & Renewable Technician 4Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |
| * take responsibility for one’s own actions, decisions, and consequences
 | Engineering Skills 1Electricity 1Network FundamentalsElectronic DevicesElectricity 2Environmental Ethics and Management (Gen. Ed.)Active Citizenship (Gen. Ed.)Capstone ProjectWork Experience 1-Energy SystemsWork Experience 2-Energy Systems |

**ONTARIO COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

**CREDENTIALS VALIDATION SERVICE**

**APPENDIX B - PROGRAM DESCRIPTION**

|  |
| --- |
| **PROGRAM DESCRIPTION:** (including occupational areas where it is anticipated graduates will find employment)Participants in this technician program will develop an excellent theoretical and practical understanding of clean and renewable energy technologies and systems and their application in small-scale residential and commercial environments. The program will focus on clean energy (e.g. nuclear power) and renewable energy sources (including wind, bioenergy, hydro power, solar/photo voltaic, solar thermal and geothermal), conservation strategies and clean energy supported by micro grids and distributed energy systems. Participants will learn installation and repair techniques required for the various distributive generation sources emerging in this rapidly developing power sector. In addition to focused study of clean and renewable technologies, participants will develop excellent foundational knowledge in electrical and building technology concepts that support energy conservation and the shift to sustainable energy solutions. Graduates of the proposed Mohawk program will emerge with an integrated skill set that will position them well for a wide variety of employment opportunities tied to the implementation of renewable and clean energy systems. Program graduates should be able to find employment within the electricity sector, HVAC industry, building/construction sector in various technical support roles related to the manufacture, installation, testing and repair of clean and renewable energy systems, and individual components. Employment opportunities may also arise in the sale of new technologies within the residential and commercial sector, and in consulting services to assist residential and commercial consumers and municipalities to appropriately plan and implement energy conservation approaches and new technological solutions.  |
| **VOCATIONAL PROGRAM LEARNING OUTCOMES:** (vocational program learning outcomes must be consistent with the requirements of the Credentials Framework for the proposed credential)***The graduate has reliably demonstrated the ability to*:**

|  |  |
| --- | --- |
| **PROPOSED PROGRAM VOCATIONAL LEARNING OUTCOMES** |  |
| 1. Perform an assessment of the total energy losses in an existing structure, be it residential or small-scale (<20,000 ft²) commercial or industrial structure.
 |  |
| 1. Assess and make recommendations in regard to the energy efficiency of major energy-consuming systems.
 |  |
| 1. Install, maintain, diagnose, repair, modify and calibrate clean and renewable energy systems appropriate for small scale (<20,000 ft²) residential, commercial or industrial structures.
 |  |
| 1. Outline mechanisms for improved energy efficiency through changes in structure, energy systems or control strategies.
 |  |
| 1. Predict the cost savings for the implementation of clean and renewable energy strategies.
 |  |
| 1. Adhere to the legal, regulatory and health and safety codes and guidelines.
 |  |
| 1. Retrofit existing conventional systems applying green energy management techniques for efficient and clean energy generation and distribution.
 |  |

 |
| **ADMISSION REQUIREMENTS:**OSSD or equivalent (GED, College and Career Preparation) including: * Grade 12 English, C or U, general, advanced
* Grade 12 Mathematics C Math for College Technology is recommended, or U, general (Technology) or advanced, or Mohawk College Prep Math for Technology or equivalent

Students’ competencies in Mathematics and English will be assessed before the start of semester one. |

**ONTARIO COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

**CREDENTIALS VALIDATION SERVICE**

**APPENDIX C - PROGRAM CURRICULUM**

|  |  |  |
| --- | --- | --- |
| **Semester One** | **Course Name** | **Description** |
|  | COMMUNICATIONS | Enhance critical thinking and workplace communication skills in a collaborative environment. OR Build the communication skills you need for success in college study. Develop your skills through focused work with reading strategies, writing exercises emphasizing clarity in sentences and paragraphs, active listening and note-taking and the logical development of ideas.  |
| ENGINEERING SKILLS 1  | Operate and manipulate basic hand and power tools, components and fabrication techniques encountered by the technician/technologist. Use meters and oscilloscopes for electronic measurements, use of electrical safety code book. Ensure a safe working environment by identifying common electrical hazards around workplace while following the general safe working practices for installing or repairing electrical equipment. |
| ELECTRICITY 1 | This course introduces students to electrical units, voltage, current, resistance and power. DC circuit analysis is studied including Ohms Law, Kirchoffs voltage and current laws, Series and Parallel circuits, Network Theorems and Capacitance. |
| COMPUTER HARDWARE & SOFTWARE | Use the basic hardware components and operating system software of Wintel compatible computer systems, including installation/configuration.  |
| INTRO TO CLEAN & RENEWABLE TECHNOLOGY | Examine clean and renewable technologies such as nuclear, wind, solar and geothermal, emphasizing scientific principles and practical conversion applications as well as the economic, environmental and political aspects of energy production. |
| ENGINEERING MATHEMATICS 1 | A basic mathematics course covering algebra, trigonometry, complex numbers, logarithms, exponential and logarithmic functions, systems of linear equations, sine and cosine waves. |
| **Semester Two** | **Course Name** | **Description** |
|  | NETWORK FUNDAMENTALS | Analyze the architecture, functions and components of the OSI and TCP/IP layered network models. Implement network topologies by applying basic principles of cabling and configuring network devices, including routers, and switches. Analysze network standards, protocols, network operating systems, remote access and security. |
| DIGITAL PRINCIPLES | Explore the basic concepts of digital logic circuits. Design and construct basic logic circuits using current digital integrated circuits. |
| ELECTRONIC DEVICES | This introductory course in electronic devices is to introduce students to various discrete semiconductor components. The student shall be able to describe the functions of each device, its major characteristics and solve circuits using these devices in terms of D.C. and A.C. conditions.  |
| ELECRICITY 2 | This course introduces the concepts of magnetism, inductance and extends circuit analysis to include AC concepts. Sinusoidal waveforms are discussed and expressed as instantaneous and phasor signals. Measurements and calculations are performed in peak and RMS values to determine reactance, real and reactive power and impedance. Power factor is calculated and shown on a power triangle. A brief introduction to three phase systems and motors is included.  |
| ENGINEERING MATHEMATICS 2 | An introduction to Functions, Graphs, Straight Line, Quadratic Equations, Analytic Trigonometry, Empirical Equations, Differential and Integral Calculus. |
| **Semester Three** | **Course Name** | **Description** |
|  | RENEWABLE ENERGY SYSTEMS CONTROL | Identify, analyze and repair rectifiers, phase controlled converters and inverters applied to clean and renewable energy generation systems.  |
| ENVIRONMENTAL ETHICS AND MANAGEMENT (GENERAL EDUCATION) | Examine ethical issues in regard to the environment and clean and renewable energy. Adopt personal values and beliefs regarding environmental issues.  |
| ELECTRICAL ENGINEERING DRAFTING AND DESIGN 1 | Customize AutoCAD-Electrical for specific tasks and individual use and three dimensional drawings for electrical and industrial applications. |
| CLEAN & RENEWABLE TECHNICAN 1 | Assemble and/or install various clean and renewable technologies. Apply chemistry and physics principles pertaining to specific technologies |
| CLEAN & RENEWABLE TECHNICAN 2  | Assemble and/or install various clean and renewable technologies. Apply chemistry and physics principles pertaining to specific technologies |
| HEAT LOAD CALCUATIONS | Interpret building plans; demonstrate freehand sketching; gather data for the heating and cooling of buildings; and calculate heat loss/gain in heating and air conditioning systems for Industrial, Commercial or Institutional (ICI) applications. |
| **Semester Four** | **Course Name** | **Description** |
|  | ACTIVE CITIZENSHIP (GENERAL EDUCATION) | Collaborate in the exploration of roles, responsibilities and issues relevant to members of local, national or global communities. Develop advanced communication and critical thinking skills through exploration of social and ethical issues and topics. |
| GENERAL EDUCATION ELECTIVE | N/A |
| CODES, ACTS AND REGULATIONS | Review various Acts and Regulations governing the Renewable Energy sector. Use the Canadian Electrical Code (CEC) effectively and efficiently by becoming familiar with the general sections for the codebook and distinguishing how they apply to the rest of the book. Look beyond the general sections of the code to focus on Solar Photovoltaic Systems, Generation and the Interconnection of Electrical Power Production sources. Evaluate installation requirements for clean and renewable energy technologies. |
| CLEAN & RENEWABLE TECHNICIAN 3  | Assemble and/or install various clean and renewable technologies. Apply chemistry and physics principles pertaining to specific technologies |
| CLEAN & RENEWABLE TECHNICIAN 4 | Assemble and/or install various clean and renewable technologies. Apply chemistry and physics principles pertaining to specific technologies |
| CAPSTONE PROJECT | Design an Electrical Power Production Source utilizing Clean and Renewable Energy as a member of a competitive design team. Present design to competition judges. |

|  |  |  |
| --- | --- | --- |
| **Work Experience** | **Course Name** | **Course Descriptions** |
|  | Work Experience 1-Energy Systems | Participate in real world learning experiences through co-operative work placements. Apply knowledge and skills gained in academic studies to enhance skills and to establish or refine professional and personal development goals in a work environment that ensures access to leading industry practice.  |
|  | Work Experience 2-Energy Systems | Participate in real world learning experiences through co-operative work placements. Apply knowledge and skills gained in academic studies to enhance skills and to establish or refine professional and personal development goals in a work environment that ensures access to leading industry practice.  |

**ONTARIO COLLEGES OF APPLIED ARTS AND TECHNOLOGY**

**CREDENTIALS VALIDATION SERVICE**

**APPENDIX D – REGULATORY STATUS FORM**

**MANDATORY REGULATORY REQUIREMENTS**

Where licensing or certification is ***required by legislation*** for entry to practice in the profession or trade, the Ministry of Training, Colleges and Universities requires that colleges ensure that their programs will meet the requirements of the regulatory body in order to be approved for funding.

[ ]  There is a legislative requirement that program graduates must be certified or licensed by a regulatory authority to practice or work in the occupation.

 Name of regulatory authority\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  **(A\*)** The program has been accredited or approved by the regulatory authority or its identified third party?

 **OR**

[ ]  **(B\*)** The college is working toward accreditation with the regulatory authority.

 Status of application and expected date of achievement\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[ ]  **(C\*)** If the regulatory authority does not accredit educational programs directly or by an identified third party, has it formally acknowledged (e.g. in its published or legislated registration requirements) that the program graduates will be eligible to write any required certifying or registration exam or that the program is otherwise recognized for the purposes of certifying or registering a graduate?

**\*Please submit an acknowledgement and/or evidence from the regulatory authority to support (a) or (b) or (c) above.**

**VOLUNTARY REQUIREMENTS**

Colleges may choose to have a program accredited or recognized by a voluntary membership organization or association. Graduate eligibility for association recognition or adherence to standards imposed by the body is ***not a requirement*** for program funding approval by the Ministry of Training, Colleges and Universities.

Recognition of the program by a voluntary professional body:

[ ]  Is being sought: Name of professional body: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 [ ]  The college is working toward recognition.

 Status of application and expected date of achievement: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 [ ]  Recognition has been received.

 Type of recognition (e.g. accreditation, graduates eligible to write membership exams, etc.):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* **Please submit an acknowledgement and/or evidence from the voluntary association that recognition has been received.**

[x]  Recognition is not being sought *(please note there may be titling implications for programs that are not compliant in an area where other existing programs are*).