

Education Council Motions Carried  
September 14, 2023

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### **3. RIT 102 Building Science Fundamentals and the Building Envelope**

#### **Proposal Rationale**

Changes in the industry including targeted building envelope improvements, higher performing products and new approaches make it important to have the knowledge of building science and building codes. This content was deemed important to include in this micro-credential by employers and industry subject matter experts. The movement to insulation being a more technical job facilitates the need to include building science and building envelope information. Consultation with employers, industry stakeholders and subject matter experts facilitated the inclusion of the building science and building envelope topics. Insulators need to have a fundamental understanding of these topic areas to be effective installers. Installation is moving to be a very technical occupation and this course supports the knowledge needed to enhance the employability of graduates.

Internally Trades and Apprenticeship has been consulted and is support of this new program and its related courses. All consultation information is in the overall program proposal.

### **4. RIT 103 Application of Insulation in Residential / Multi-Family Construction**

#### **Proposal Rationale**

Proper insulation product knowledge and application techniques contribute to quality installation. Employers want to ensure their employees fully understand the components, the rationale and application for the major insulation products in the industry. In addition, providing the base knowledge of estimating and cost analysis helps employees in this industry understand the importance of quality and efficiency for projects. Consultation contributed to the topics included in this core course.

Internally Trades and Apprenticeship has been consulted and is support of this new program and its related courses. All consultation information is in the overall program proposal.

### **5. RIT 104 Specialty Products in Residential and Multi-Family Construction**

#### **Proposal Rationale**

The insulation industry products evolve and include a variety of speciality products for a variety of uses. This course will provide knowledge and experience with specialty products used for a myriad of uses that are covered. This course provca4(h 4(6)5)9(e)9(c)5(1)7(y)4(pro)11(du)4(c)5(4(us)2(e)9(d f)4(r a)11(m)9)-7(W\*n-54(h B B B B B ( a4(9)

## **7. RIT 106 Insulation Workshops**

### **Proposal Rationale**

There is a variety of other content that would benefit learners in this micro-credential and this workshop course allows inclusion of additional content that doesn't necessarily fit under other courses. Providing workshops that will be current and relevant, learners will gain additional knowledge to augment their knowledge.

Internally Trades and Apprenticeship has been consulted and is in support of this new program and its related courses. All consultation information is in the overall program proposal.

### **Academic Programs**

#### **Trades and Apprenticeship**

##### **Programs**

##### **Revised program:**

###### **1. Pastry Arts Certificate**

### **Proposal Rationale**

To bring the Admission Requirements for the Pastry Arts program in line with Culinary Arts, as well as the vast majority of post secondary institutes in British Columbia, we would require students to submit a valid FOODSAFE Level 1 certificate.

Under Admission requirements, The Math requirement was updated to reflect current prerequisites.

**(Refer to Kuali for complete proposal rationale.)**

###### **2. Residential Insulation Technician**

### **Proposal Rationale**

In 2017, Okanagan College was approached by Community Futures North Okanagan regarding local insulation employers who were having difficulty finding qualified and trained employees. CFNO connected Continuing Studies with local employers in the North Okanagan and CS developed a package of courses to train individuals with little or no experience to become qualified residential insulators. This workforce development opportunity ended up with three successful Project Based Labour Market Training Programs funded through the Ministry of Social Development and Poverty Reduction. As a result, Okanagan College became recognized regionally, provincially and even nationally for its Residential Insulation Training. Employers from across the country and Pacific Northwest USA contacted Continuing Studies looking for students of RIT. These projects were offered through a Continuing Studies and Trades & Apprenticeship collaboration and each cohort had solid success including 90-100% employment rates.

Since 2017, it was identified that there is no formal program anywhere in Canada or the Pacific Northwest to prepare people for careers in residential insulation installation. There is a Heat and Frost formal trade and while there are transferable skills, this trade is very different from residential insulation installation.

Changing building codes, commitment to net-zero building and new insulation requirements have created renewed growth in the insulation industry, not only for new builds but also for renovations and retrofits. However, many contractors are unable to take advantage of these opportunities due to a severe lack of qualified staff. There is also a movement in the industry to improve insulation contractor installation practices in Residential Insulation Training is recognized by industry leaders as the highest level of education in Canada to train quality installers and CS continues to receive regular requests from employers across the country for participants who have completed this training. This micro-credential provides the requisite training

