



APPLICATION MANUFACTURING & ENGINEERING (MEC) CO-OP PROGRAM

DUE DATE – March 12th, 2024

Submit application to Career Programs by emailing:

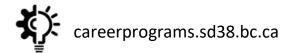
careerprograms@sd38.bc.ca

- Applicants must currently be in Grades 10 or 11 and attend an SD38 secondary school (Program taken in Grade 11/12)
- Program courses: Engineering 11/12, Skills Exploration and Work Experience 12A (earn 12 credits toward graduation)
- Courses taken semester 2 at Burnett Secondary School
- Optional industry certification via Northwest Skills Institute (4th course for credit)

Program Details and Special Features

- The MEC Co-Op program offers students the opportunity to explore a variety of manufacturing processes and learn skills as they relate to engineering.
- The program includes a work experience course with local manufacturing/engineering companies.
- OPTIONAL acquisition of an online INDUSTRY certificate through the Northwest Skills Institute, offered at a significant discount. Examples include:
 - Drafting and CAD Technician
- Mechatronics & Industrial Automation Technician
- CNC Lathe Production Technician
 + many more!
 - Advanced Manufacturing Technician

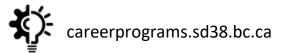




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(Tear off this page before submitting application)





SD38 APPLICATION – MEC* PROGRAM

*Manufacturing & Engineering Co-op

Instructions:

- 1. Complete this application (tear off top page). Submit to <u>careerprograms@sd38.bc.ca</u> by March 12th, 2024.
- 2. Only students currently in Grades 10 or 11 may apply to take in their next school year (semester 2).
- 3. Applicants will be notified of interview date once application has been processed.

PLEASE PRINT CLEARLY

SD38 TEACHER or COUNSELLOR ENDORSEMENT

PLEASE NOTE:

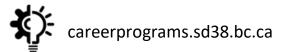
□ This co-op program takes place at Burnett Secondary School and runs all day in the second semester.

The delivery model includes face-to-face and on-line learning and includes community work experience.

Upon successful completion, students will earn 12-16 high school credits (3-4 courses). One of the courses is optional and includes a student fee to earn an industry certification through Northwest Skills Institute.

SD38 Teacher/Counsellor Nar	ne:	
	First	Last
Email:		Cell Phone:
I am pleased to support this s Program.	tudent's application	for the SD38 Manufacturing & Engineering Co-op (MEC)
Date:		Signature:





FOR PARENT/GUARDIAN COMPLETION:

<u>Parent/Guardian</u>: Please respond to the following so that the MEC Program instructor and Burnett Secondary may best support your child during this program. (All will be kept confidential.)

MEDICAL	LEARNING	NEEDS IN	FORMATION

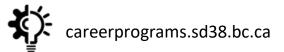
List ALL medical/special needs information that the program instructor should be aware of or that might affect performance during the course (i.e. has IEP, Learning Support Needs, ADD/ADHD, Diabetes, Epilepsy, Medication, Asthma, Allergies etc.).

- □ No medical/learning needs information to report
- □ If yes, please describe and explain any that may affect performance in this course.

Care Card Number:		Family Doctor:		
Emergency Contact:			Relationship:	
	First.	Last		
Daytime phone (work or h	nome):		Cell Phone:	

PARENT/GUARDIAN INFORMATION				
Parent/Guardian Name:				
	First.	Last		
Email:		Cell Phone:		
Parent/Guardian's Signature: I support my child's application to take this KPU course.				
Date:		Signature:		
	e: I support my chi	Cell Phone: ild's application to take this KPU course.		





APPLICANT STATEMENT OF INTEREST SD38 MANUFACTURING & ENGINEERING CO-OP (MEC) PROGRAM

Applicant's Full Name:	PEN #

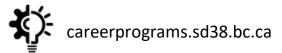
Please respond to the following questions. Print/write clearly in own handwriting.

1. What has motivated you to apply to the MEC Program?

2. Describe your knowledge, skills and attitudes that will support your achievement as you take part in MEC.

3. This program requires participation in a Work Experience (unpaid) placement for credit (~90 hours). What interests you in taking part in this community-based experience?

4. While it is OPTIONAL, as a supplement to this program, students may elect to complete an industry certification(s) through Northwest Skills Institute. There is a significantly discounted student fee (\$500), and you will have access to complete more than one certificate if you choose (a savings of over \$3000-\$5000). You will also earn 4 credits toward graduation by completing a certificate. These are all completed online and are done on a student's own time, with some MEC program instructor support available. Given this, would you be interested in completing a certificate? Why or why not?



APPLICANT SELF-ASSESSMENT FORM SD38 MANUFACTURING & ENGINEERING CO-OP (MEC) PROGRAM

I am interested in applying for the MEC Co-op Program. I understand this program requires significant commitment and I will need to travel between Burnett Secondary and my home school. My self-assessment will assist in determining my suitability and readiness for the program.

Please indicate **by highlighting or circling** your readiness proficiency for this program:

CORE COMPETENCIES					
		Emerging	Developing	Proficient	Extending
		I demonstrate an <u>INITIAL</u> understanding of the concepts and competencies.	I demonstrate a <u>PARTIAL</u> understanding of the concepts and competencies.	I demonstrate a <u>COMPLETE</u> understanding of the concepts and competencies.	I demonstrate a <u>SOPHISTICATED</u> understanding of the concepts and competencies.
 Communication In a safe and supported environment, I respond meaningfully to communication peers and adults I communicate purposefully, with peers a adults using strategies I have practiced I cooperate with others and contribute d group activities, sharing roles and responsibilities to achieve goals I can confidently interact and build relationships with other group members further shared goals 	and uring	<i>"I am just getting started and learn best with help."</i>	<i>"I am beginning to do more and more on my own."</i>	"I can do it on my own."	<i>"I go beyond what is expected of me.</i>
 Thinking I can get new ideas or build on other peoideas to create new things within the constraints of a form, a problem, or mate I can think "outside the box" to get innovideas and persevere to develop them I can ask questions and consider options. I can use my observations, experience, ar imagination to draw conclusions 	erials ative	<i>"I am just getting started and learn best with help."</i>	<i>"I am beginning to do more and more on my own."</i>	"I can do it on my own."	<i>"I go beyond what is expected of me.</i>
 Personal and Social I can make choices that help me meet my wants and needs and increase my feeling well-being. I take responsibility for my ac I can recognize my strengths and take responsibility for using strategies to focus manage stress, and accomplish my goals I can identify my strengths and limits, find internal motivation, and act on opportun for self-growth. I take responsibility for making ethical decisions 	s of tions s, d	<i>"I am just getting started and learn best with help."</i>	<i>"I am beginning to do more and more on my own."</i>	"I can do it on my own."	<i>"I go beyond what is expected of me.</i>

Based on my self-assessment I rank my readiness for this program as (check one):

Fully Ready

Somewhat Ready

□ Not Quite Ready (some support will be needed)

Additional Comments: _____

Student Name: _____

Student Signature: _____

(print in full)