

REAGAN MACKENZIE LEE TOMPKINS

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Professional Summary

Passionate and knowledgeable soon to be shop teacher with a Red Seal in Sheet Metal Work and a deep understanding of metalworking trades. Committed to helping students build practical skills, self-confidence, and preparedness for life beyond high school. Dedicated to creating a hands-on, supportive learning environment that emphasizes safety, craftsmanship, and career readiness.

Education

THOMPSON RIVERS UNIVERSITY

Kamloops, BC

Bachelor of Education in Trades and Technology

July 2024 – Now

- Focused on curriculum development and pedagogy for trades education
- Teachable subjects include woodworking, electronics, and robotics
- Building on prior expertise in metalworking

BRITISH COMLUMBIA INSTITUTE OF TECHNOLOGY

Burnaby, BC

Red Seal Sheet Metal Work

Apr. 2019 – Nov. 2021

- Pass of ITA Exam for Red Seal Qualification/Classification
- Gained extensive hands-on training in sheet metal fabrication and welding
- Developed proficiency in drafting fittings and interpreting technical drawings

THOMPSON RIVERS UNIVERSITY

Kamloops, BC

Architecture and Engineering Technology

Sept. 2012 – Apr. 2016

- Coursework included CAD, hand drafting, building systems, and engineering math/statics
- Gained foundational knowledge in architectural and structural design

Teaching Experience

TEACHING PRACTICUM 3

Kamloops, BC

Brocklehurst Secondary School(10 Weeks)

Feb. 2025 – May. 2025

- Taught full-time Metalworking 8-11, Electronics & Robotics 9-11, and Technology 8 Mosaic
- Focused on skill building and student growth/interest
- Created unique lessons on safety, measuring, and machine use
- Wrote Report Cards and participated in Parent/Teacher Interviews

TEACHING PRACTICUM 2

Kamloops, BC

Sahali Secondary School(4 Weeks)

Nov. 2024 – Dec. 2025

- Taught Metalworking 11-12, Power Tech. 9-10, and Metalworking 8 Mosaic
- Created demonstrations for machines, tests, and safety procedures
- Participated in Report Cards and I/E Meetings

TEACHING PRACTICUM 1

Kamloops, BC

Brocklehurst Secondary School(2 Weeks)

Sept. 2024

- Observed the start of a school year
- Participated in Staff Meeting
- Taught lessons for Drafting 9-10

Professional Experience

Western Roofing

Kamloops, BC

Sheet Metal Worker

May 2016 – June 2024

- Performed layout, fabrication, and installation of sheet metal components across various commercial and industrial projects
- Led a crew of 4–5 workers and collaborated effectively within larger teams of 10+
- Worked on industrial worksites including mines, mills, and processing facilities
- Earned 10-ton folding crane ticket and multiple mobile equipment certifications
- Independently planned and executed full project scopes from start to finish

Mibroc Developments

Kamloops, BC

Laborer/Carpenter's Helper

May 2010 – Sept. 2012

- Supported general contracting tasks including framing, concrete work, and site cleanup
- Assisted skilled tradespeople on new construction projects
- Contributed to the construction of the Talasa Apartment buildings in Kamloops

Skills, Certifications, and Awards

Skills:

- Operation of shop machines and equipment (brake, drill press, lathe, shear, etc.)
- Skilled in hand tools and welding (MIG, TIG, SMAW)
- AutoCAD drafting and design
- Strong one-on-one instructional support for students
- Emphasis on shop safety, tool handling, and classroom supervision

Certifications:

- Red Seal – Sheet Metal Work (2022)
- 10-ton Folding Crane Ticket
- Forklift Ticket (*expired*)
- Level 1 First Aid (*previously held*)
- Valid BC Driver's License

Awards and Leadership:

- Dean's List – Thompson Rivers University
- Recipient of financial award for academic achievement
- Previous member of Joint Health and Safety Committee (Western Roofing)