



Quick Start

For Alberta's Educators in 4-H Communities

Government
of Alberta



For the Mechanically Inclined

Almost every rural 4-H club has an active mechanics or small engine project. These projects start simply as the student learns to disassemble and reassemble a small engine. Dad's lawn mower is often a favorite; remember the 4-H member has all winter to tune the lawn mower so it is ready for achievement day and of course cutting the lawn in spring. Once established this project will very quickly grow to include chapters like the snow mobile club or car or tractor restoration.

In our area the mechanics project was taught by a group of dads who had a passion for mechanics. One of them was a certified mechanic and the other two were extremely handy handymen. What a bonus for students to learn from such skilled individuals. The following CTS modules are a good curricular match.

Suggested Modules

- MEC 1010: Modes & Mechanisms
- MEC 1040: Engine Fundamentals
- MEC 1130: Mechanical Systems
- MEC 2020: Vehicle Maintenance

Links

Project 1

- CTR 1110: Project 1A

- CTR 1120: Project 1B

Additional Modules

- CTR 1210: Personal Safety (Management)

- CTR 2210: Workplace Safety (Practice)

- ENT 1010: Challenge and Opportunity

- ENT 1020: Planning a Venture

- ENT 2040: Implementing a Venture

Additional Courses

- Special Projects