

UNIT TO COURSE COMPARISON (UCC) FORM REFRIGERATION AND AIR CONDITIONING MECHANIC - LEVEL 1

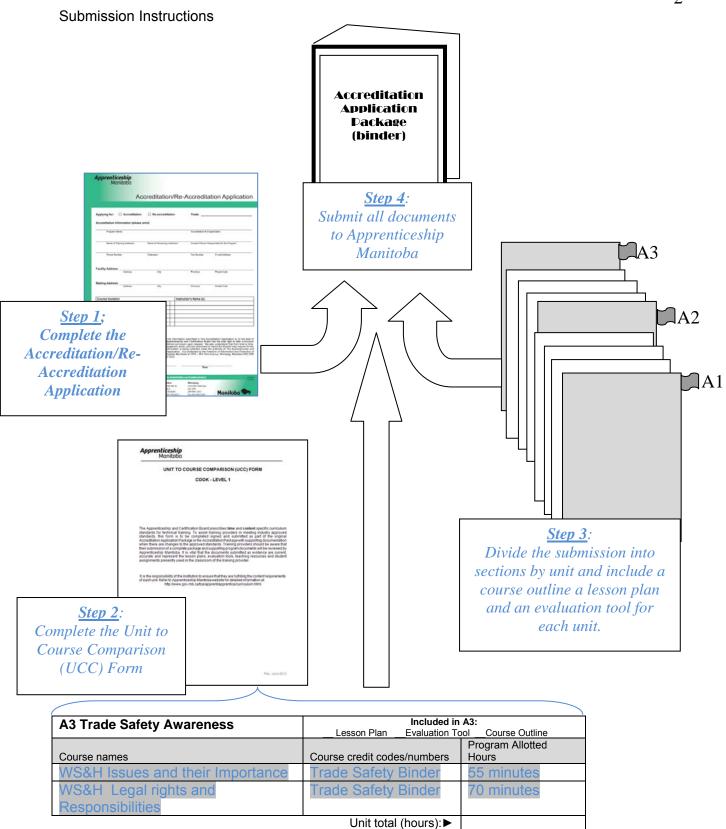
The Apprenticeship and Certification Board prescribes **time** and **content** specific curriculum standards for technical training. To assist training providers in meeting industry approved standards, this form is to be completed signed and submitted as part of the original Accreditation Application Package or Re-Accreditation Package with supporting documentation when there are changes to the approved standards. Training providers should be aware that their submission of a complete package and supporting program documents will be reviewed by Apprenticeship Manitoba. It is vital that the documents submitted as evidence are current, accurate and represent the lesson plans, evaluation tools, teaching resources and student assignments presently used in the classroom of the training provider.

It is the responsibility of the institution to ensure that they are fulfilling the content requirements of each unit. Refer to Apprenticeship Manitoba website for detailed information at:

manitoba.ca/tce/apprent/apprentice/curriculum.html







It is the responsibility of the institution to demonstrate full coverage of the content requirements of each unit. Refer to Apprenticeship Manitoba website for detailed information at:

manitoba.ca/tce/apprent/apprentice/curriculum.html

Demonstration of coverage of the Apprenticeship Manitoba technical training standard must include:

- Fully completed columns with course name(s), course credit code(s)/number(s) and the time allocated to the standards by the applicant.
- Submission of all Course Outlines.
- Supporting program documents: Lesson Plans, Evaluation Tools within the specific Apprenticeship Manitoba unit.

Submissions must include a balanced variety of supporting documentation to demonstrate adequate scope of technical training.

Tip: We do not require duplicates of supporting program documents within a submission package. If one of your Course Outlines is referenced more than once, place the one (1) copy in the first reference. For every other unit that refers to that Course Outline, include a note to indicate where the outline is located.

| A1 Orientation 1: Structure and Scope of Refrigeration and Air Conditioning Mechanic | Include:Lesson PlanEvaluation ToolCourse Outline | |
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| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours): | |
| | Offictoral (nours). | |
| A3 Trade Safety Awareness | Include:Lesson PlanEvaluation ToolCourse Outline | |
| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours): | • |
| A4 Tools and Equipment | Include:Lesson PlanEvaluation ToolCourse Outline | |
| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| A6 Hoisting, Lifting, Rigging and Access/Egress Equipment Course names Course credit codes/numbers Unit total (hours):▶ Unit total (hours):▶ Unit total (hours):▶ A7 Refrigeration Fundamentals Course credit codes/numbers Course credit codes/numbers Unit total (hours):▶ Lesson Plan _Evaluation Tool _Course Outline Course names Course credit | A5 Communication | Include:Lesson PlanEvaluation ToolCourse Outline | |
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| A9 Piping, Tubing, Soldering and Brazing | Include:Lesson PlanEvaluation ToolCourse Outline | |
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| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours):▶ | |
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| A11 Leak Testing, Evacuation and | | ude: |
| Charging 2 vacuation and | Lesson PlanEvalua | tion ToolCourse Outline |
| Course names | Course credit | Time Allocated (Hours) |
| | codes/numbers | Theory and Practical |
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| | Unit total (hours):▶ | |
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| A12 Electrical Fundamentals | Incl | ude: |
| A 12 Electrical Fundamentals | Lesson PlanEvaluation ToolCourse Outline | |
| Course names | Course credit | Time Allocated (Hours) |
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| | Unit total (hours):▶ | |
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| A13 Blueprint Reading and Drafting | Include:Lesson PlanEvaluation ToolCourse Outline | |
| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours):▶ | |
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| A14 Trade Documents | Include:Lesson PlanEvaluation ToolCourse Outline | |
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| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours):▶ | |
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| B1 Trade Mathematics | Lesson PlanEvalua | tion ToolCourse Outline |
| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours):▶ | |
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| B2 Science I | Include:Lesson PlanEvaluation ToolCourse Outline | |
| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours):▶ | |
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| E1 Valves and Accessory Devices | Include:Lesson PlanEvaluation ToolCourse Outline | |
| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours):▶ | |

| E2 Compressors I | Include:Lesson PlanEvaluation ToolCourse Outline | |
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| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours):▶ | _ |
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| G1 Gas Code I (includes Propane) | Include:Lesson PlanEvaluation ToolCourse Outline | |
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| Course names | Course credit codes/numbers | Time Allocated (Hours) Theory and Practical |
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| | Unit total (hours):▶ | |