

UNIT TO COURSE COMPARISON (UCC) FORM

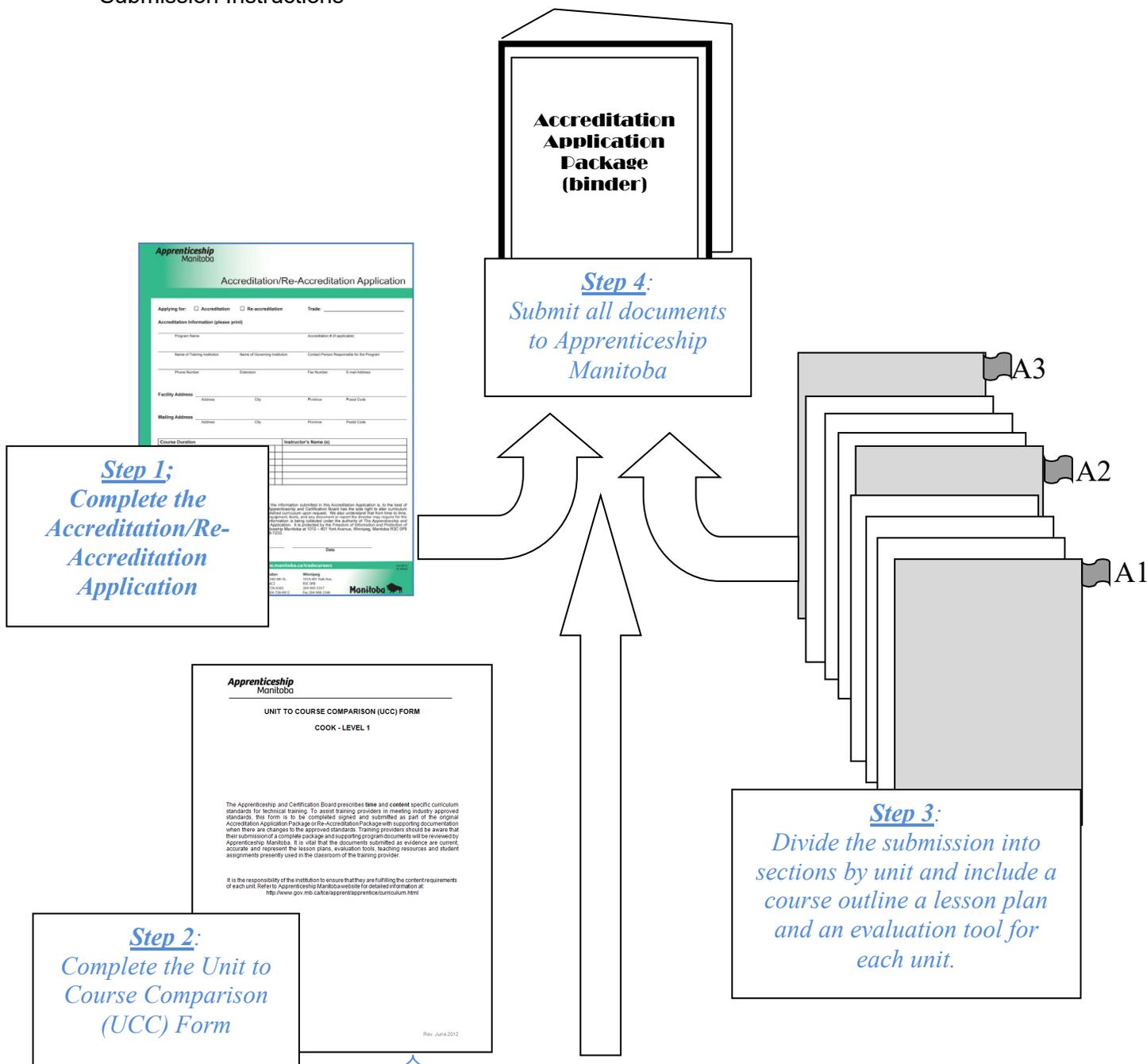
**Construction Electrician/Industrial Electrician/
Power Electrician**

Common Core – 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

Submission Instructions



A3 Trade Safety Awareness	Included in A3:		
	Lesson Plan	Evaluation Tool	Course Outline
Course names	Course credit codes/numbers	Program Allotted Hours	
WS&H Issues and their Importance	Trade Safety Binder	55 minutes	
WS&H Legal rights and Responsibilities	Trade Safety Binder	70 minutes	
Unit total (hours): ►			

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.

*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*

A1 Learning About Work		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
9062 Applied Electrical Trades Technology GLO 9.1 (Objectives A1.1, A1.2 & A1.3)		10 hours	
Unit total (hours):▶			10 hours

A2 Trade Safety Awareness		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
9055 Introduction to Electrical Trades Technology 9057 Residential Wiring 9058 Electrical Wiring Methods 9059 Advanced Residential Wiring 9060 Electrical Trades AC Fundamentals 9061 Advanced Electrical Wiring Methods 9062 Applied Electrical Trades Technology GLO 1.1 (Objectives A2.1, A2.2, A2.3, A2.4, A2.6, A2.7, A2.8, A2.9, A2.10)		9 hours	
9059 Advanced Residential Wiring GLO 10.1 (Objective A2.5)		1 hour	
Unit total (hours):▶			10 hours

A3 Computer and Communication Skills		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
9062 Applied Electrical Trades Technology GLO 8.1 (Objectives A3.1 to A3.5) GLO 8.4 (Objectives A3.6 & A3.7)		30 hours	
Unit total (hours):▶			30 hours

*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*

A4 Trade Related Math and Science		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
9055 Introduction to Electrical Trades Technology GLO 8.2 (Objectives A4.1, A4.2, A4.3) GLO 8.3 (Objectives A4.6, A4.7)		35 hours	
9059 Advanced Residential Wiring GLO 8.2 (Objective A4.4)		2.5 hours	
9060 Electrical Trades AC Fundamentals GLO 8.2 (Objective A4.5)		12.5 hours	
		Unit total (hours): ►	
		50 hours	

A5 Residential Electrical Code		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
9055 Introduction to Electrical Trades Technology GLO 11.2 (Objectives A5.1 & A5.2)		18 hours	
9057 Residential Wiring GLO 11.2 (Objectives A5.3 to A5.7)		58.5 hours	
9059 Advanced Residential Wiring GLO 11.2 (Objective A5.8)		13.5 hours	
		Unit total (hours): ►	
		90 hours	

A6 Residential Wiring Practices		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
9057 Residential Wiring GLO 6.1 (Objectives A6.1 & A6.3)		28 hours	
9058 Electrical Wiring Methods GLO 6.1 (Objectives A6.2)		8 hours	
9059 Advanced Residential Wiring GLO 6.1 (Objective A6.4)		4 hours	
		Unit total (hours): ►	
		40 hours	

*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*

A7 DC Fundamentals	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names (attach Course Outline(s))	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
9055 Introduction to Electrical Trades Technology GLO 4.1 (Objective A7.1, A7.2 & A7.4)		42 hours
9056 Electrical Trades DC Fundamentals GLO 4.1 (Objective A7.3)		18 hours
Unit total (hours):▶		60 hours

A8 DC Circuit Analysis	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
9055 Introduction to Electrical Trades Technology GLO 4.1 (Objective A8.1) GLO 2.1 (Objective A8.3)		30 hours
9056 Electrical Trades DC Fundamentals GLO 4.1 (Objective A8.2) GLO 2.1 (Objective A8.4)		30 hours
Unit total (hours):▶		60 hours

*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*