

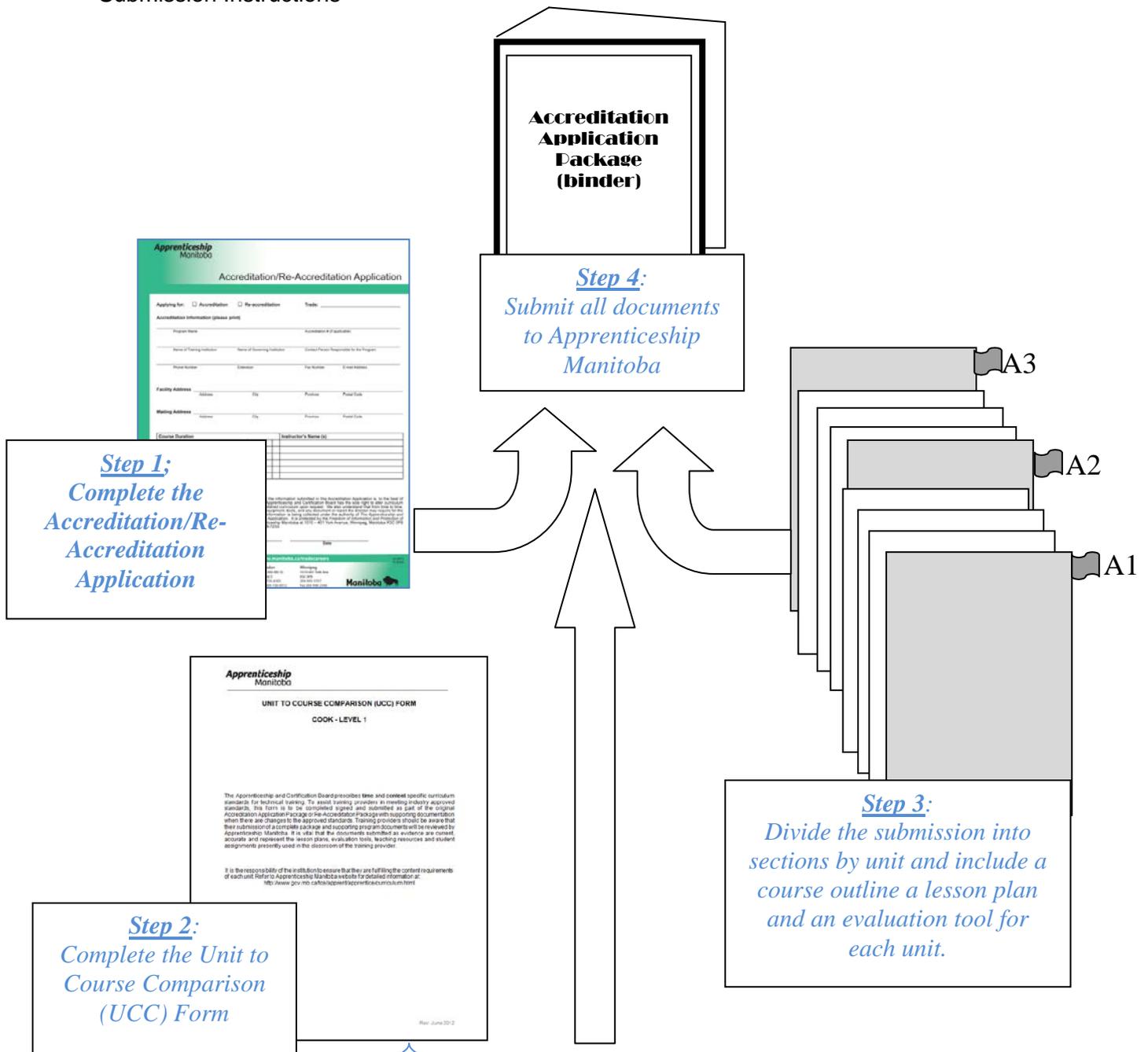
UNIT TO COURSE COMPARISON (UCC) FORM

AUTOMOTIVE PAINTER - 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): ►			

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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 I: The Structure & Scope of Trade Learning		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 16.1 (Objectives A1.1, A1.2)	9029	5 hours	
Grade 11 Fundamentals of Collision Repair & Refinishing Technology GLO 16.1 (Objective A1.3)	9030	4 hours	
Unit total (hours): ►		9 hours	

A2 Trade Safety Awareness		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 17.1 (Objective A2.5)	9029	1 hour	
All Courses: GLO 1.1 & 1.2 (Objectives A2.1, A2.2, A2.3, A2.4, A2.6, A2.7, A2.8, A2.9, A2.10)		15 hours	
Unit total (hours): ►		16 hours	

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A3 Communication		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
Grade 12D Colour Theory & Career Preparation: GLO 15.1 (Objective A3.1) GLO 15.2 (Objective A3.2) GLO 16.1 (Objective A3.5) GLO 17.3 (Objective A3.4) GLO 19.2 (Objective A3.3)	9036	7 hours	
		Unit total (hours):▶ 7 hours	

A4 Tools and Equipment		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 2.1 (Objectives A4.10 & A4.17) GLO 2.2 (Objectives A4.1, A4.2, A4.5, A4.6, A4.11, A4.12, A4.14, A4.15)	9029	2 hours	
Grade 11 Fundamentals of Collision Repair & Refinishing Technology GLO 2.1 (Objectives A4.10 & A4.17) GLO 2.2 (Objective A4.3)	9030	1 hour	
Grade 11 Automotive Metals and Welding GLO 2.1 (Objectives A4.10 & A4.17) GLO 2.2 (Objectives A4.7, A4.8, A4.16)	9031	1 hour	
Grade 11 Corrosion Protection GLO 2.1 (Objectives A4.10 & A4.17) GLO 2.2 (Objective A4.9)	9032	1 hour	
Grade 12 Damage Analysis & Structural Repairs GLO 2.1 (Objectives A4.4, A4.8, A4.13)	9033	1 hour	
Grade 12 Surface Preparation & Refinishing GLO 2.1 (Objectives A4.9)	9035	1 hour	
Grade 12 Colour Theory & Career Preparation GLO 2.1 (Objectives A4.9)	9036	1 hour	
		Unit total (hours):▶ 8 hours	

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A5 Trade Related Documents	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 15.1 (Objectives A5.1 & A5.2)	9029	1 hour
Grade 11 Fundamentals of Collision Repair & Refinishing Technology GLO 15.1 (Objective A5.7) GLO 15.3 (Objective A5.8) GLO 19.3 (Objectives A5.3, A5.4 & A5.5)	9030	1 hour
Grade 11 Automotive Metals and Welding GLO 19.3 (Objective A5.6)	9031	1 hour
Grade 12 Weld-on & Bolt-on Panel Replacement GLO 19.3 (Objectives A5.4 & A5.5)	9034	1 hour
Grade 12 Surface preparation & Refinishing: GLO 19.3 (Objective A5.6)	9035	1 hour
Unit total (hours): ►		5 hours

B1 Trade Formulations I & Trade Related Science	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 15.2 (Objective B1.6)	9029	3
Grade 11 Fundamentals of Collision Repair & Refinishing Technology GLO 15.2 (Objective B1.7,	9030	2
Grade 11 Automotive Metals and Welding GLO 6.1 (Objectives B1.1, B1.2, B1.3)	9031	5
Grade 12 Damage Analysis & Structural Repairs GLO 6.1 (Objective B1.1, B1.2, B1.3 GLO 15.4 (Objectives B1.4, B1.5)	9033	5
Unit total (hours): ►		15 hours

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B2 Metallurgy/Batteries	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names (attach Course Outline(s))	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
All courses: GLO 1.1 (Objective B2.8)		1 hour
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 15.2 (Objective B2.4)	9029	2 hours
Grade 11 Fundamentals of Collision Repair & Refinishing GLO 6.1 (Objective B2.2) GLO 14.1 (Objectives B2.9, B2.10, B2.11, B2.12, B2.13, B2.14, B2.15, B2.16)	9030	2 hours
Grade 11 Automotive Metals and Welding GLO 6.1 (Objectives B2.1, B2.2, B2.3, B2.5) GLO 6.2 (Objective B2.6) GLO 14.1 (Objective B2.7)	9031	3 hours
Grade 12 Damage Analysis & Structural Repairs GLO 6.1 (Objectives B2.1, B2.2, B2.3, B2.5) GLO 6.2 (Objective B2.6)	9033	3 hours
Grade 12 Weld-on & Bold-on Panel Replacement GLO 6.1 (Objectives B2.1, B2.2, B2.3, B2.5)	9034	3 hours
Unit total (hours):▶		14 hours

C1 Cutting and Heating	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 1.1 (Objective C1.1) GLO 4.1 (Objectives C1.2, C1.3, C1.4, C1.5, C1.6, C1.7, C1.8, C1.9, C1.10)	9029	5 hours
Grade 11 Automotive Metals and Welding GLO 1.1 (Objective C1.1) GLO 4.1 (Objectives C1.2, C1.3, C1.4, C1.5, C1.6, C1.7, C1.8, C1.9, C1.10)	9031	5 hours
Unit total (hours):▶		10 hours

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C2 Gas Metal Arc Welding (GMAW [MIG])	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
All Courses: GLO 1.1 (Objective C2.2)		1 hour
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 2.2 (Objective C2.3) GLO 4.1 (Objectives C2.1, C2.4, C2.5, C2.6, C2.7, C2.8)	9029	15 hours
Grade 11 Automotive Metals and Welding GLO 2.2 (Objective C2.3) GLO 4.1 (Objectives C2.1, C2.4, C2.5, C2.6, C2.7, C2.8)	9031	15 hours
Grade 12 Damage Analysis & Structural Repairs GLO 2.1 (Objective C2.3) GLO 4.1 (Objectives C2.1, C2.4, C2.5, C2.6, C2.7, C2.8)	9033	5 hours
Grade 12 Weld-on & Bold-on Panel Replacement GLO 2.1 (Objective C2.3) GLO 4.1 (Objectives C2.1, C2.4, C2.5, C2.6, C2.7, C2.8)	9034	5 hours
Unit total (hours):▶		41 hours

D1 Vehicle Construction	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
Grade 11 Fundamentals of Collision Repair & Refinishing GLO 5.1 (Objectives D1.1, D1.2, D1.3, D1.4 & D1.5)	9030	2 hours
Grade 11 Automotive Metals and Welding GLO 5.1 (Objectives D1.1, D1.2, D1.3, D1.4 & D1.5)	9031	2 hours
Grade 12 Damage Analysis & Structural Repairs GLO 5.1 (Objectives D1.1, D1.2, D1.3, D1.4 & D1.5)	9033	2 hours
Grade 12 Weld-on & Bold-on Panel Replacement GLO 5.1 (Objectives D1.1, D1.2, D1.3, D1.4 & D1.5)	9034	5 hours
Unit total (hours):▶		11 hours

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D2 Fasteners and Adhesives	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
All Courses GLO 1.1 (Objective D2.1)		1 hour
Grade 11 Fundamentals of Collision Repair & Refinishing GLO 7.1 (Objectives D2.4, D2.5, D2.6) GLO 8.1 (Objectives D2.2, D2.3, D2.6)	9030	2 hours
Grade 11 Corrosion Protection: GLO 7.1 (Objectives D2.4, D2.5, D2.6)	9032	2 hours
	Unit total (hours):▶	5 hours

F1 Metal Working I (Sheet Metal)	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 6.1 (Objective F1.1) GLO 6.2 (Objectives F1.2, F1.3, F1.6, F1.7, F1.8, F1.9,	9029	5 hours
Grade 11 Fundamentals of Collision Repair & Refinishing GLO 6.1 (Objective F1.1) GLO 6.2 (Objectives F1.2, F1.4, F1.6, F1.7, F1.8, F1.9, F1.11, F1.12)	9030	5 hours
Grade 11 Automotive Metals and Welding GLO 6.1 (Objective F1.1) GLO 6.2 (Objectives F1.2, F1.4, F1.6, F1.7, F1.8, F1.9, F1.11, F1.12)	9031	15 hours
Grade 12 Damage Analysis & Structural Repairs GLO 6.1 (Objective F1.1,) GLO 6.2 (Objective F1.2, F1.3, F1.4, F1.6, F1.7, F1.8, F1.10, F1.11)	9033	15 hours
Grade 12 Weld-on & Bold-on Panel Replacement GLO 6.1 (Objective F1.1,) GLO 6.2 (Objective F1.5)	9034	10 hours
	Unit total (hours):▶	50 hours

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F2 Body Fillers and Abrasives		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
All Courses: GLO 1.1: (Objective F2.4)		3 hour
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 7.2 (Objectives F2.3, F2.5, F2.6, F2.7, F2.8, F2.9, F2.10, F2.11) GLO 11.2 (Objectives F2.1 & F2.2)	9029	1 hour
Grade 11 Fundamentals of Collision Repair & Refinishing GLO 7.2 (Objectives F2.3, F2.5, F2.6, F2.7, F2.8, F2.9, F2.10, F2.11) GLO 11.2 (Objectives F2.1 & F2.2)	9030	1 hour
Grade 11 Automotive Metals & Welding GLO 11.2 (Objectives F2.1 & F2.2)	9031	1 hour
Grade 11 Corrosion Protection GLO 7.2 (Objectives F2.3, F2.5, F2.6, F2.7, F2.8, F2.9, F2.10, F2.11) GLO 11.2 (Objectives F2.1 & F2.2)	9032	1 hour
Unit total (hours):▶		7 hours

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H1 Surface Preparation and Application of Undercoats and Topcoats	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
Grade 10 Introduction to Collision Repair & Refinishing Technology GLO 11.1 (Objectives H1.2, H1.3, H1.6, H1.7) GLO 11.3 (Objectives H1.1, H1.4, H1.5) GLO 12.1 (Objectives H1.8 & H1.9)	9029	10 hours
Grade 11 Fundamentals of Collision Repair & Refinishing GLO 11.1 (Objectives H1.2, H1.3, H1.6, H1.7) GLO 11.3 (Objectives H1.1, H1.4, H1.5) GLO 12.1 (Objectives H1.8 & H1.9)	9030	15 hours
Grade 11 Automotive Metals & Welding GLO 11.1 (Objectives H1.2, H1.3, H1.6, H1.7) GLO 11.3 (Objectives H1.1, H1.5) GLO 12.1 (Objectives H1.8 & H1.9)	9031	10 hours
Grade 11 Corrosion Protection GLO 11.1 (Objectives H1.2, H1.3, H1.6, H1.7) GLO 11.3 (Objectives H1.1, H1.4, H1.5) GLO 12.1 (Objectives H1.8 & H1.9)	9032	15 hours
Unit total (hours):▶		50 hours

H2 Cleaning and Detailing	Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical
Grade 11 Fundamentals of Collision Repair & Refinishing GLO 1.1 (Objective H2.3) GLO 13.1 (Objectives H2.1, H2.2, H2.2, H2.4, H2.5, H2.6, H2.7, H2.8)	9030	3 hours
Grade 12 Surface Preparation & Refinishing GLO 1.1 (Objective H2.3) GLO 13.1 (Objectives H2.1, H2.2, H2.4, H2.5, H2.6, H2.7, H2.8, H2.9, H2.10)	9035	4 hours
Grade 12 Colour Theory & Career Preparation: GLO 13.1 (Objectives H2.1, H2.2, H2.4, H2.5, H2.6, H2.7, H2.8, H2.9, H2.10)	9036	3 hours
Unit total (hours):▶		10 hours

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H3 Upholstery, Trim and Hardware		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
Grade 11 Fundamentals of Collision Repair & Refinishing Technology GLO 10.2 (Objectives H3.4 & H3.10)	9030	3 hours	
Grade 12 Weld-on & Bolt-on Panel Replacement: GLO 7.1 (Objectives H3.3) GLO 8.1 (Objectives H3.3) GLO 10.1 (Objectives H3.6, H3.8, H3.12, H3.14) GLO 10.2 (Objectives H3.1, H3.2, H3.5, H3.7, H3.9, H3.11, H3.13, H3.15)	9034	5 hours	
		Unit total (hours): ►	
		8 hours	

H4 Refinishing I		Include: __ Lesson Plan __ Evaluation Tool __ Course Outline	
Course names	Course credit codes/numbers	Time Allocated (Hours) Theory and Practical	
Grade 12 Surface Preparation & Refinishing GLO 2.2 (Objective H4.4) GLO 11.3 (Objective H4.2) GLO 12.1 (Objectives H4.1, H4.3, H4.5, H4.6)	9035	12 hours	
Grade 12 Colour Theory & Career Preparation: GLO 2.2 (Objective H4.4) GLO 11.3 (Objective 4.2) GLO 12.1 (Objectives H4.1, H4.3, H4.5, H4.6)	9036	12 hours	
		Unit total (hours): ►	
		24 hours	

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