Ontario Qualifications Framework: Diploma II

Tuning Learning Outcomes	1. Depth & Breadth of Knowledge		2. Conceptual & Methodological Awareness/Research & Scholarship				3. Communication		4. Application of Knowledge			5. Professional Capacity/Autonomy				6. Awareness of Limits of Knowledge
	1a	1b	2a	2b	2c	2d	3a	3b	4a	4b	4c	5a	5b	5c	5d	
1 Knowledge																
1.1 Theory and Concepts																
1.2 Numeracy				X												
1.3 Limits of Knowledge & Qualification																X
1.4 Multidisciplinary		X														
1.5 Breadth of Knowledge																
2 Critical and Creative Thinking																
2.1 Critical Thinking					X	X										
2.2 Creativity					X					X						
2.3 Problem Identification					X											
2.4 Problem Solving			X		X											
2.5 Analysis of Risks and Benefits					X	X										
2.6 Evaluation																
3 Communication																
3.1 Reading Comprehension							X	X								
3.2 Writing Skills								X								
3.3 Listening Comprehension							X	X								
3.4 Presentation Skills																
3.5 Discussion Skills																
3.6 Graphical Communications																
4 Social Responsibility																
4.1 Ethical Principles & Guidelines																
4.2 Legal & Professional Responsibilities											X					
4.3 Health & Safety											X					
4.4 Social Awareness and Impact		X														
4.5 Global Awareness																
4.6 Environment & Sustainability																
5 Personal and Interpersonal Capacities																
5.1 Diversity and Respect									X							
5.2 Teamwork												X	X	X		
5.3 Personal Reflection																
5.4 Self-Direction & Independent Work												X				
5.5 Lifelong Learning																

Ontario Qualifications Framework: Diploma II

6 Practice and Methods

Tuning Learning Outcomes	1. Depth & Breadth of Knowledge		2. Conceptual & Methodological Awareness/Research & Scholarship				3. Communication		4. Application of Knowledge			5. Professional Capacity/Autonomy				6. Awareness of Limits of Knowledge
	1a	1b	2a	2b	2c	2d	3a	3b	4a	4b	4c	5a	5b	5c	5d	
Life & Health Science																
6.1 Investigation/Research Methods		X														
6.2 Ethical Research																
6.3 Resource Material	X															
6.4 Information Management				X												
6.5 Formatting/Referencing																
6.6 Relevance of Research																
6.7 Practice	X										X	X				
6.8 Interdisciplinary & Inter-Professional Practice											X	X				
Physical Science																
6.1 Tools, Instruments, & Equipment (Hardware & Software)		X														
6.2 Design																
6.3 Uncertainty																
6.4 Troubleshooting																
6.5 Models											X	X				
6.6 Resource Management	X															
6.7 Information Management				X												
Social Science																
6.1 Research Methods																
6.2 Ethics of Research																
6.3 Methods of Analysis			X													
6.4 Social Impact																
6.5 Resource Management	X										X	X				
6.6 Information Management				X												

Ontario Qualifications Framework: Advanced Diploma

Tuning Learning Outcomes	1. Depth & Breadth of Knowledge		2. Conceptual & Methodological Awareness/Research & Scholarship				3. Communication		4. Application of Knowledge			5. Professional Capacity/Autonomy		6. Awareness of Limits of Knowledge
	1a	1b	2a	2b	2c	2d	3a	3b	4a	4b	4c	5a	5b	
1 Knowledge														
1.1 Theory and Concepts	X													
1.2 Numeracy														
1.3 Limits of Knowledge & Qualification				X										X
1.4 Multidisciplinary		X												
1.5 Breadth of Knowledge		X												
2 Critical and Creative Thinking														
2.1 Critical Thinking														
2.2 Creativity										X				
2.3 Problem Identification					X					X				
2.4 Problem Solving			X		X					X				
2.5 Analysis of Risks and Benefits					X					X				
2.6 Evaluation					X					X				
3 Communication														
3.1 Reading Comprehension						X	X	X	X					
3.2 Writing Skills							X	X	X					
3.3 Listening Comprehension						X	X	X	X					
3.4 Presentation Skills														
3.5 Discussion Skills														
3.6 Graphical Communications				X		X	X	X	X					
4 Social Responsibility														
4.1 Ethical Principles & Guidelines														
4.2 Legal & Professional Responsibilities														
4.3 Health & Safety														
4.4 Social Awareness and Impact		X												
4.5 Global Awareness		X												
4.6 Environment & Sustainability														
5 Personal and Interpersonal Capacities														
5.1 Diversity and Respect														
5.2 Teamwork									X		X	X		
5.3 Personal Reflection												X	X	
5.4 Self-Direction & Independent Work											X	X	X	
5.5 Lifelong Learning													X	

Ontario Qualifications Framework: Advanced Diploma

6 Practice and Methods

	Tuning Learning Outcomes	1. Depth & Breadth of Knowledge		2. Conceptual & Methodological Awareness/Research & Scholarship				3. Communication		4. Application of Knowledge			5. Professional Capacity/Autonomy		6. Awareness of Limits of Knowledge
		1a	1b	2a	2b	2c	2d	3a	3b	4a	4b	4c	5a	5b	
	Life & Health Science														
6.1	Investigation/Research Methods			X							X				
6.2	Ethical Research														
6.3	Resource Material						X								
6.4	Information Management						X			X					
6.5	Formatting/Referencing														
6.6	Relevance of Research														
6.7	Practice	X	X								X				
6.8	Interdisciplinary & Inter-Professional Practice		X							X					
	Physical Science														
6.1	Tools, Instruments, & Equipment (Hardware & Software)														
6.2	Design		X												
6.3	Uncertainty	X													
6.4	Troubleshooting			X							X				
6.5	Models														
6.6	Resource Management									X					
6.7	Information Management						X								
	Social Science														
6.1	Research Methods				X										
6.2	Ethics of Research														
6.3	Methods of Analysis			X							X				
6.4	Social Impact														
6.5	Resource Management									X					
6.6	Information Management						X								

Ontario Qualifications Framework: Baccalaureate/Bachelor's Degree: Honours

		1. Depth & Breadth of Knowledge							2. Conceptual & Methodological Awareness/Research & Scholarship			3. Communication	4. Application of Knowledge									5. Professional Capacity/Autonomy					6. Awareness of Limits of Knowledge
	Tuning Learning Outcomes	1a	1b	1c(i)	1c(ii)	1d	1e	1f	2a	2b	2c		4a(i)	4a(ii)	4a(iii)	4a(iv)	4b(i)	4b(ii)	4b(iii)	4b(iv)	4c	5a(i)	5a(ii)	5a(iii)	5b	5c	
1	**Knowledge**																										
1.1	Theory and Concepts	X				X					X	X															
1.2	Numeracy																										
1.3	Limits of Knowledge & Qualification																										
1.4	Multidisciplinary	X	X		X		X								X												
1.5	Breadth of Knowledge		X				X	X																			
2	**Critical and Creative Thinking**																										
2.1	Critical Thinking				X		X				X		X				X		X								
2.2	Creativity						X						X	X		X	X			X							
2.3	Problem Identification						X							X			X										
2.4	Problem Solving						X		X					X			X										
2.5	Analysis of Risks and Benefits				X		X		X								X										
2.6	Evaluation									X								X									
3	**Communication**																										
3.1	Reading Comprehension			X																	X						
3.2	Writing Skills											X															
3.3	Listening Comprehension			X																							
3.4	Presentation Skills											X															
3.5	Discussion Skills											X															
3.6	Graphical Communications											X															
4	**Social Responsibility**																										
4.1	Ethical Principles & Guidelines																									X	
4.2	Legal & Professional Responsibilities																									X	
4.3	Health & Safety																									X	
4.4	Social Awareness and Impact																								X		
4.5	Global Awareness																								X		
4.6	Environment & Sustainability																								X		
5	**Personal and Interpersonal Capacities**																										
5.1	Diversity and Respect																										
5.2	Teamwork																					X	X				
5.3	Personal Reflection																						X	X			
5.4	Self-Direction & Independent Work																					X		X			
5.5	Lifelong Learning																							X			

Ontario Qualifications Framework: Baccalaureate/Bachelor's Degree: Honours

6 Practice and Methods

Tuning Learning Outcomes	1. Depth & Breadth of Knowledge							2. Conceptual & Methodological Awareness/Research & Scholarship			3. Communication	4. Application of Knowledge									5. Professional Capacity/Autonomy					6. Awareness of Limits of Knowledge
	1a	1b	1c(i)	1c(ii)	1d	1e	1f	2a	2b	2c		4a(i)	4a(ii)	4a(iii)	4a(iv)	4b(i)	4b(ii)	4b(iii)	4b(iv)	4c	5a(i)	5a(ii)	5a(iii)	5b	5c	
Life & Health Science	X																									
6.1 Investigation/Research Methods					X					X																
6.2 Ethical Research					X																					X
6.3 Resource Material																										
6.4 Information Management			X																							
6.5 Formatting/Referencing										X										X						
6.6 Relevance of Research																										
6.7 Practice																										
6.8 Interdisciplinary & Inter-Professional Practice																										
Physical Science																										
6.1 Tools, Instruments, & Equipment (Hardware & Software)																										
6.2 Design	X																									
6.3 Uncertainty																										
6.4 Troubleshooting																										
6.5 Models					X																					
6.6 Resource Management																										
6.7 Information Management			X																	X						
Social Science																										
6.1 Research Methods	X				X																					
6.2 Ethics of Research					X																					X
6.3 Methods of Analysis									X																	
6.4 Social Impact																										X
6.5 Resource Management																										
6.6 Information Management			X																	X						

Ontario Qualifications Framework: Master's Degree

Tuning Learning Outcomes	1. Depth & Breadth of Knowledge	2. Conceptual & Methodological Awareness/Research & Scholarship					3. Communication	4. Application of Knowledge	5. Professional Capacity/Autonomy					6. Awareness of Limits of Knowledge
		2a(i)	2a(ii)	2a(iii)	2b(i)	2b(ii)			5a(i)	5a(ii)	5b	5c	5d	
1 Knowledge														
1.1 Theory and Concepts	X	X	X		X			X						
1.2 Numeracy														
1.3 Limits of Knowledge & Qualification	X							X						X
1.4 Multidisciplinary	X													X
1.5 Breadth of Knowledge	X													X
2 Critical and Creative Thinking														
2.1 Critical Thinking			X						X					
2.2 Creativity	X					X		X						
2.3 Problem Identification								X						
2.4 Problem Solving								X		X				
2.5 Analysis of Risks and Benefits										X				
2.6 Evaluation										X				
3 Communication														
3.1 Reading Comprehension					X									
3.2 Writing Skills							X							
3.3 Listening Comprehension														
3.4 Presentation Skills							X							
3.5 Discussion Skills							X							
3.6 Graphical Communications							X							
4 Social Responsibility														
4.1 Ethical Principles & Guidelines												X		
4.2 Legal & Professional Responsibilities												X		
4.3 Health & Safety														
4.4 Social Awareness and Impact													X	
4.5 Global Awareness													X	
4.6 Environment & Sustainability													X	
5 Personal and Interpersonal Capacities														
5.1 Diversity and Respect														
5.2 Teamwork														
5.3 Personal Reflection														
5.4 Self-Direction & Independent Work									X		X			
5.5 Lifelong Learning											X			

Ontario Qualifications Framework: Master's Degree

6 Practice and Methods

Tuning Learning Outcomes	1. Depth & Breadth of Knowledge	2. Conceptual & Methodological Awareness/Research & Scholarship					3. Communication	4. Application of Knowledge	5. Professional Capacity/Autonomy					6. Awareness of Limits of Knowledge
		2a(i)	2a(ii)	2a(iii)	2b(i)	2b(ii)			5a(i)	5a(ii)	5b	5c	5d	
Life & Health Science														
6.1 Investigation/Research Methods	X	X	X	X		X		X					X	
6.2 Ethical Research														
6.3 Resource Material			X	X										
6.4 Information Management														
6.5 Formatting/Referencing														
6.6 Relevance of Research								X						
6.7 Practice	X		X					X		X				
6.8 Interdisciplinary & Inter-Professional Practice														
Physical Science														
6.1 Tools, Instruments, & Equipment (Hardware & Software)		X				X		X						
6.2 Design		X						X						
6.3 Uncertainty				X										
6.4 Troubleshooting								X						
6.5 Models			X	X										
6.6 Resource Management														
6.7 Information Management														
Social Science														
6.1 Research Methods		X	X	X		X								
6.2 Ethics of Research														
6.3 Methods of Analysis			X	X				X				X		
6.4 Social Impact		X	X	X				X				X	X	
6.5 Resource Management														
6.6 Information Management														