



**Approved Driver Education Course
Class 8—Learning Outcome Cross Reference**

School Name: _____

Goal 1: Risk Avoidance

To develop knowledge, understanding and appreciation of risk avoidance as it relates to safe riding.

LO Ref #	Learning Outcomes <i>The new driver will. . .</i>	Minimum Time	Time in Minutes	Required Topics <i>The course will cover . . .</i>	Lesson Number(s)
1.1	Describe the hazards of riding.	60 minutes		1.1.1 weather/environmental conditions 1.1.2 road conditions 1.1.3 driver and rider attitudes 1.1.4 vehicle conditions 1.1.5 animals 1.1.6 other road-users 1.1.7 unpredictable driving and riding behaviours 1.1.8 sources of riding error 1.1.9 rider vulnerability	
1.2	Define the characteristics of risk taking.	15 minutes		1.2.1 factors that affect rider risk perception: - rider age - rider experience - riding environment 1.2.2 caution versus risk 1.2.3 judging risk in various situations 1.2.4 role of overconfidence and underconfidence in inaccurate risk perception 1.2.5 motorcyclists as risk-takers	
1.3	Evaluate how risk perception is affected by personal factors.	15 minutes		1.3.1 mental factors: - self-esteem - aggression - frustration - impatience - feelings of power - overconfidence - awareness of consequences 1.3.2 physical factors 1.3.3 role of self-control 1.3.4 need for peer approval 1.3.5 perception of other drivers and riders 1.3.6 rider experience	
1.4	Explain how impairment affects risk perception and riding behaviour.	15 minutes		1.4.1 effects of drug and alcohol impairment on perception 1.4.2 effects of fatigue, illness and mental stress 1.4.3 consequences of impaired riding 1.4.4 ways to avoid riding while impaired	
1.5	Evaluate the costs of taking risks while riding.	15 minutes		1.5.1 personal costs 1.5.2 social costs 1.5.3 financial costs 1.5.4 health costs	
1.6	Assess personal risk tolerance.	15 Novice minutes		1.6.1 thinking for oneself 1.6.2 role of self-control 1.6.3 role of overconfidence/underconfidence 1.6.4 identifying personal limits and abilities	
1.7	Demonstrate realistic risk perception in riding behaviours.	30 Final minutes		1.7.1 accurate risk perception 1.7.2 quick and effective reaction times 1.7.3 proactive versus reactive riding actions 1.7.4 expectations of other road-users 1.7.5 consequences of not doing what other road-users expect 1.7.6 safe time margins to complete riding maneuvers	



Goal 2: Driver Psychology

To develop knowledge, understanding and appreciation of safe and responsible riding attitudes.

LO Ref #	Learning Outcomes <i>The new driver will . . .</i>	Minimum Time	Time in Minutes	Required Topics <i>The course will cover . . .</i>	Lesson Number(s)
2.1	Evaluate how positive and negative personal factors influence riding attitudes.	15 minutes		2.1.1 personal riding values and beliefs 2.1.2 motives that influence riding 2.1.3 riding as thrill-seeking 2.1.4 how motives change under different circumstances 2.1.5 how values, beliefs and motives influence attitudes toward riding	
2.2	Explain how positive and negative social factors influence riding attitudes.	15 minutes		2.2.1 influence of advertising 2.2.2 societal attitudes toward cars and driving; motorcycles and riding 2.2.3 influence of other people's driving and riding habits 2.2.4 peer pressure and riding	
2.3	Demonstrate riding behaviours that reflect safe, healthy and courteous riding attitudes.	30 Final minutes		2.3.1 overcoming negative motives 2.3.2 riding courteously 2.3.3 resisting negative influences	



Goal 3: Social Responsibilities

To develop knowledge, understanding and appreciation of safe riding responsibilities from the perspectives of the individual, other road-users and the community.

LO Ref #	Learning Outcomes <i>The new driver will. . .</i>	Minimum Time	Time in Minutes	Required Topics <i>The course will cover . . .</i>	Lesson Number(s)
3.1	Explain the factors that make riding a lifelong learning process.	15 minutes		3.1.1 the rider as a lifelong learner 3.1.2 factors that contribute to changes in riding skill 3.1.3 changing motorcycle technology 3.1.4 changing riding standards and laws	
3.2	Demonstrate understanding of the complexity of the riding task for the new rider.	60 minutes		3.2.1 ongoing assessment of personal riding skills 3.2.2 how feedback can help drivers improve their skills	
3.3	Explain how to share the road safely.	60 minutes		3.3.1 cyclists 3.3.2 pedestrians 3.3.3 large and slow moving vehicles 3.3.4 animals 3.3.5 emergency vehicles 3.3.6 passenger vehicles	
3.4	Demonstrate appropriate communication with other road-users.	15 Final minutes		3.4.1 vehicle signals 3.4.2 hand signals 3.4.3 horn 3.4.4 eye-to-eye contact 3.4.5 non-verbal communication	
3.5	Explain how to show leadership with family members, peers and other community members in promoting safe riding.	15 minutes		3.5.1 individual leadership skills 3.5.2 ICBC's Road Sense program 3.5.3 community and school rider safety programs	
3.6	Identify environmental concerns in the use of motorcycles.	30 minutes		3.6.1 efficient riding behaviours 3.6.2 disposal of vehicle fluids and parts 3.6.3 role of motorcycle maintenance	



Goal 4: Legal Responsibilities

To understand and comply with the rules of the road.

LO Ref #	Learning Outcomes <i>The new driver will. . .</i>	Minimum Time	Time in Minutes	Required Topics <i>The course will cover . . .</i>	Lesson Number(s)
4.1	Explain the procedures to be taken when involved in a crash or when arriving at the scene of a crash.	15 minutes		4.1.1 minor crashes 4.1.2 major crashes	
4.2	Explain the meaning of all traffic control devices (signs, signals, markings).	30 minutes		4.2.1 signs 4.2.2 signals 4.2.3 markings	
4.3	Explain the reasons for riding regulations.	15 minutes		4.3.1 speed 4.3.2 parking 4.3.3 impairment 4.3.4 licensing requirements 4.3.5 vehicle insurance 4.3.6 emergency vehicles 4.3.7 helmets	
4.4	Explain rules of the road that relate to sharing the road.	15 minutes		4.4.1 traffic control persons 4.4.2 bicycles and pedestrians 4.4.3 emergency vehicles 4.4.4 motorcycles	
4.5	Explain, in general terms, the legal regulations concerned with riding.	15 minutes		4.5.1 B.C. licence classes and restrictions 4.5.2 Graduated Licensing Program 4.5.3 point system/fines 4.5.4 Administrative Driving Prohibition and Vehicle Impoundment 4.5.5 licence suspensions 4.5.6 registered owner restrictions and responsibilities 4.5.7 helmets 4.5.8 regulations in other jurisdictions	



Goal 5: Safe Driving

To develop knowledge, skills and appreciation of riding safely.

LO Ref #	Learning Outcomes <i>The new driver will . . .</i>	Minimum Time	Time in Minutes	Required Topics <i>The course will cover . . .</i>	Lesson Number(s)
5.1	Explain why riding to minimize risk involves the three steps of safe riding: “see-think-do.”	60 minutes		5.1.1 defensive riding 5.1.2 collision avoidance	
5.2	Demonstrate proficiency in using observation skills to minimize risk.	120 Final minutes		5.2.1 knowing <i>where</i> to observe: - 360E vision - distance scanning - blind spots - visual obstructions - limits of observation 5.2.2 knowing <i>how</i> to observe: - shoulder checks - peripheral vision - mirrors	
5.3	Demonstrate mental alertness to analyze riding situations.	30 Final minutes		5.3.1 maintaining attention/alertness 5.3.2 recognizing potential hazards accurately 5.3.3 using decision-making skills to ride safely: - anticipating what might happen - predicting possible solutions - prioritizing situations and solutions - making appropriate choices under pressure - identifying consequences 5.3.4 effects of impairment on decision-making skills 5.3.5 role of personal motives on decision-making skills	
5.4	Demonstrate appropriate riding actions to minimize risk.	60 Final minutes		5.4.1 choosing safe margins (front, rear, side) 5.4.2 choosing safe riding speeds 5.4.3 braking and stopping safely 5.4.4 accelerating safely 5.4.5 covering the brake and horn 5.4.6 yielding if uncertain 5.4.7 point of no return	
5.5	Demonstrate competence in using safety devices.	30 Novice minutes		5.5.1 helmets, eye protection and clothing	



Goal 6: Vehicle Performance

To develop knowledge and understanding of vehicle performance and how this contributes to safe riding.

LO Ref #	Learning Outcomes <i>The new driver will. . .</i>	Minimum Time	Time in Minutes	Required Topics <i>The course will cover. . .</i>	Lesson Number(s)
6.1	Explain the forces of physics as they apply to riding.	60 minutes		6.1.1 vehicle traction 6.1.2 vehicle weight shift/transfer 6.1.3 vehicle balance 6.1.4 speed versus time and stopping distances 6.1.5 crash severity versus speed 6.1.6 vulnerability of the human body to injury 6.1.7 gear (transmission) selection	
6.2	Describe the most common collision situations and characteristics.	30 minutes		6.2.1 common crash situations for new riders 6.2.2 critical crash factors for new riders - high risk tolerance - faulty risk perception - level of rider skills	
6.3	Analyze the role of traction in riding control.	15 minutes		6.3.1 space management (front, rear, side) 6.3.2 stopping distances 6.3.3 braking distances 6.3.4 following too closely 6.3.5 point of no return 6.3.6 lane position	
6.4	Explain how hazardous riding situations relate to friction conditions.	15 minutes		6.4.1 how road surfaces affect stopping 6.4.2 seasonal changes on road surfaces 6.4.3 tire types and conditions 6.4.4 tire inflation 6.4.5 speed for conditions 6.4.6 bicycle steering and gyroscopic steering	
6.5	Demonstrate judgment in riding behaviours to compensate for hazardous riding conditions.	60 Final minutes		6.5.1 speed control 6.5.2 steering control 6.5.3 speed versus stopping distances 6.5.4 risk perception versus accurate knowledge	



Goal 7: Motor Skills

To develop competence in integrating the attitudes, skills and knowledge of safety and riding responsibilities into the correct execution of motor skills in traffic.

LO Ref #	Learning Outcomes <i>The new driver will. . .</i>	Minimum Time	Time in Minutes	Required Topics <i>The course will cover . . .</i>	Lesson Number(s)
7.a	Demonstrate proper riding techniques on a driving range.	90 Novice minutes		7.a.1 starting 7.a.2 accelerating 7.a.3 decelerating 7.a.4 braking 7.a.5 steering 7.a.6 lane tracking 7.a.7 maintaining a consistent track 7.a.8 gear (transmission) selection 7.a.9 bicycle steering and gyroscopic steering	
7.b	Demonstrate proper basic operation of a motorcycle on a driving range.	90 Novice minutes		7.b.1 balance and braking 7.b.2 starting, moving off and stopping 7.b.3 straight line riding 7.b.4 slow speed maneuvers 7.b.5 gear change 7.b.6 shoulder checks 7.b.7 hand and electric signals 7.b.8 basic traffic signs and lines 7.b.9 road position 7.b.10 higher speed operation (including cornering, changing lanes, accelerating and braking)	
7.c	Demonstrate proper hazard avoidance techniques on a driving range.	60 Novice minutes		7.c.1 steering 7.c.2 accelerating 7.c.3 braking 7.c.4 decision-making	
7.1	Demonstrate competence in consistently conducting pre-ride inspections.	30 Novice minutes		7.1.1 pre-ride inspections	
7.2	Demonstrate control, safety and responsibility in basic riding.	60 Novice minutes		7.2.1 starting 7.2.2 accelerating 7.2.3 decelerating 7.2.4 braking 7.2.5 steering 7.2.6 lane tracking 7.2.7 maintaining a consistent track 7.2.8 gear (transmission) selection 7.2.9 bicycle steering and gyroscopic steering	
7.3	Demonstrate safe, legal and confident vehicle control while changing directions.	120 Novice minutes		7.3.1 yielding 7.3.2 crossing intersections 7.3.3 merging 7.3.4 changing lanes and passing 7.3.5 maintaining correct lane tracking	



Goal 7: Motor Skills (Continued from previous page)

LO Ref #	Learning Outcomes <i>The new driver will . . .</i>	Minimum Time	Time in Minutes	Required Topics <i>The course will cover . . .</i>	Lesson Number(s)
7.4	Demonstrate legal, safe and responsible execution of right-of-way maneuvers.	30 Novice 30 Final minutes		7.4.1 stop signs 7.4.2 two- and four-way stops 7.4.3 traffic circles 7.4.4 yield signs 7.4.5 controlled and uncontrolled intersections 7.4.6 T-intersections 7.4.7 malfunctioning traffic control devices 7.4.8 emergency vehicles	
7.5	Demonstrate competence, safety, legality and responsibility in making turns.	30 Novice 30 Final minutes		7.5.1 left turns 7.5.2 right turns 7.5.3 maintaining correct lane tracking 7.5.4 U-turns	
7.6	Demonstrate safe, responsible and proper parking techniques.	60 Final minutes		7.6.1 stall parking (forward and reverse) 7.6.2 hill parking (up and down) 7.6.3 angle parking 7.6.4 shoulder parking	
7.7	Demonstrate competence in riding safely, legally and responsibly on highways.	180 Final minutes		7.7.1 entering and exiting 7.7.2 curves 7.7.3 shoulders 7.7.4 grade of road 7.7.5 passing 7.7.6 changing lanes 7.7.7 night-time riding 7.7.8 emergency conditions	
7.8	Demonstrate competence in riding safely, legally and responsibly on freeways.	120 Final minutes		7.8.1 entering and exiting 7.8.2 curves 7.8.3 grade of road 7.8.4 passing 7.8.5 changing lanes 7.8.6 night-time riding 7.8.7 emergency conditions	
Number of instructional hours for all learning outcomes. (Your time allocations must total at least 37 hours.)					
Discretionary allocation of time (including assessment and conferring and review) for a maximum of 2 hours out of 39 hours.					
Total number of hours for a minimum of 39 hours.					

Name of Signing Authority

Signature of Signing Authority

Date