DEFINITIONS

BICYCLE: A pedal-powered vehicle upon which a human operator sits, including an electric bicycle. [ORC 4511.01(G)]

Power	Human power	
Age Limit	No	
License Required	No	
Equipment Requirements	If driven on street after dark, headlamp & reflectors	4511.56
May be Ridden on:		
Street	Yes; applicable traffic laws apply	4511.52
Bike Lanes	Yes; applicable traffic laws apply	XCC
Sidewalk	Yes, unless otherwise marked	4511.711
Bike Path	Yes, applicable traffic laws apply	4511.52
Shared Use Paths	Yes	XCC
Hiking Paths	Yes	XCC



ELECTRIC BICYCLE: A "class 1 electric bicycle," a "class 2 electric bicycle," or a "class 3 electric bicycle."

- "Class 1 electric bicycle" means a bicycle that is equipped with fully operable pedals and an electric motor of less than 750 watts that provides assistance only when the rider is pedaling and ceases to provide assistance when the bicycle reaches the speed of 20 mph. [ORC 4511.01(TTT)]
- "Class 2 electric bicycle" means a bicycle that is equipped with fully operable pedals and an electric motor of less than 750 watts that may provide assistance regardless of whether the rider is pedaling and is not capable of providing assistance when the bicycle reaches the speed of 20 mph. [ORC 4511.01(UUU)]
- "Class 3 electric bicycle" means a bicycle that is equipped with fully operable pedals and an electric motor of less than 750 watts that provides assistance only when the rider is pedaling and ceases to provide assistance when the bicycle reaches the speed of 28 mph. [ORC 4511.01(VVV)]

Power	Electric or Human Power	
Age Limit	Class 3: 16 yoa to operate	4511.522
License Required	No	
Equipment Requirements	If driven on street after dark - headlamp & reflectors	4511.56
	Class 3: Speedometer	
Helmet Requirement	Class 3 (all ages)	4511.522
May be Ridden on:		
Street	Yes; applicable traffic laws apply	4511.52
Bike Lanes	Yes, unless otherwise posted	XCC
Sidewalk	Yes, with motor disengaged	4511.711
Bike Path	Class 1 & Class 2 only (No Class 3)	XCC
Shared Use Paths	Yes, unless otherwise posted	XCC
Hiking Paths	No	XCC



MOTORIZED BICYLE OR MOPED: Any vehicle having either two tandem wheels or one wheel in the front and two wheels in the rear, that may be pedaled, and that is equipped with a helper motor of not more than 50 cubic centimeters piston displacement that produces not more than one brake horsepower and is capable of propelling the vehicle at a speed of not greater than 20 mph on a level surface. “Motorized bicycle” or “moped” does not include an electric bicycle. [ORC 4511.01(H)]

Power	Gas	
Age Limit	At least 14 yoa	4511.521
License Required	Yes	4511.521
Equipment Requirements	Lighted lights after dark	4513.03
Helmet Requirement	Yes, under 18 yoa	4511.521
May be Ridden on:		
Street	Yes, obey all traffic laws	4511.521
Bike Lanes	Yes	XCC
Sidewalk	No	4511.711
Bike Path	No	XCC
Shared Use Paths	Yes	XCC
Hiking Paths	No	XCC





E-MOTO: Does not currently have its own specific definition in the ORC. E-motos are high-powered, lightweight electric two-wheelers (dirt bikes, mopeds, mini-motorcycles) that feature a twist throttle, stationary foot pegs instead of functional pedals, motor outputs between 3kwW to 15kW+, and top speeds of 30 – 60 mph.

*No specific definition for these currently in the ORC, but they do meet the definition of motorcycle under ORC 4511.01(C).

Power	Electric	
Age Limit	Yes, depending on type of license	
License Required	Temp – 15½ yoa; Probationary – 16 yoa; License – 18 yoa	4507.05
Equipment Requirements	Headlights	4513.04
	Rearview Mirrors	4513.23
	Directional Signals	4513.261
	Stop Lights	4513.071
Helmet Required	Yes, under 18 yoa or when driving w/ temp. permit	4511.53
	Safety glasses required, all ages	
May be Ridden on:		
Street	Yes, obey all traffic laws	4511.53
Bike Lanes	No	XCC
Sidewalk	No	4511.711
Bike Path	No	4511.713
Shared Use Paths	No	XCC
Hiking Paths	No	XCC





MOTOR-DRIVEN CYCLE OR MOTOR SCOOTER: Any vehicle designed to travel on not more than three wheels in contact with the ground, with a seat for the driver and floor pad for the driver's feet, and is equipped with a motor with a piston displacement between 50-100 cubic centimeters piston displacement that produces not more than five brake horsepower and is capable of propelling the vehicle at a speed greater than 20 mph on a level surface. [ORC 4501.01(YY) via 4511.01(LLLL)]

Power	Gas	
Age Limit	Yes, depending on type of license	
License Required	Temp – 15½ yoa; Probationary – 16 yoa; License – 18 yoa	4507.05
Equipment Requirements	Headlights	4513.04
	Rearview Mirrors	4513.23
	Directional Signals	4513.261
	Stop Lights	4513.071
May be Ridden on:		
Street	Yes on streets posted 45 mph or under; traffic laws apply	4511.214
Bike Lanes	No	XCC
Sidewalk	No	4511.711
Bike Path	No	4511.713
Shared Use Paths	No	XCC
Hiking Paths	No	XCC



LOW-SPEED MICROMOBILITY DEVICE: A device weighing less than 100 pounds that has handlebars, is propelled by an electric motor or human power, and has an attainable speed on a paved level surface of not more than 20 mph when propelled by the electric motor. [ORC 4511.01(WWW)]

*ADD: "Low-Speed Micromobility Device" shall also include any device, other than a skateboard, weighing less than one hundred pounds (100 lbs.) without handlebars that is propelled by an electric motor and is operated at a speed of not more than twenty miles per hour (20 mph).

Power	Electric or Human Power	
Age Limit	On Rentals only (16 yoa)	4511.514
License Required	No	
Equipment Requirements	Headlamp (device or operator) required at night	4511.514
Helmet Required	No	
May be Ridden on:		
Street	Yes on streets posted 45 mph or under; traffic laws apply	4511.514
Bike Lanes	Yes	4511.514
Sidewalk	Yes, unless otherwise posted	4511.514
Bike Path	Yes	4511.514
Shared Use Paths	Yes	4511.514
Hiking Paths	No	XCC





ELECTRIC PERSONAL ASSISTIVE MOBILITY DEVICE: A self-balancing two non-tandem wheeled device that is designed to transport only one person, has an electric propulsion system of an average of 750 watts, and when ridden on a paved level surface by an operator who weighs 170 pounds and has a maximum speed of less than 20 mph. [ORC 4501.01(TT)]

Power	Electric	
Age Limit	14 yoa; if under 16 yoa, may operate if under direct supervision of an adult	4511.512
License Required	No	
Equipment Requirements	Headlamp (device or operator) required at night	4511.512
Helmet Required	Yes, under 18yoa	4511.512
May be Ridden on:		
Street	Yes on streets posted 45 mph or under; traffic laws apply	4511.512
Bike Lanes	Yes	XCC
Sidewalk	Yes, unless otherwise posted	4511.512
Bike Path	Yes	XCC
Shared Use Paths	Yes	XCC
Hiking Paths	No	XCC

