



Probable Severity	Likelihood of Harm	Risk Rating
Trivial injury = 1	Very unlikely = 1	1 to 6 = LOW
Minor injury = 2	Unlikely = 2	
Moderate injury = 3	Possible = 3	7 to 14 = MEDIUM
Serious injury = 4	Likely = 4	
Major Injury = 5	Very likely = 5	15 to 36 = HIGH

### Segway Risk Assessment

March 2017- 2018

All visitors are issued with a Cluny Activities written safety information sheet prior to each session

What are the hazards and dangers?	Risk	Severity, Likelihood and Risk Ratings			Control measures used to reduce likelihood and risks	Severity	Likelihood	Current Residual Risk
		3	1	3				
Staff - Manual handling	Injury to back	3	1	3	Two people required to manually lift a built up machine. Manual handling is only required if a Segway being loaded/unloaded onto a vehicle and has to be transported for any reason.	2	1	2
Operator -Segway malfunction	Falling injury	2	1	2	Only people above 44.5kg & below 114kg are permitted to ride the Segways. Segway will give an audible warning if it is ridden unsafely Daily inspections are carried out prior to usage of a segway Unattended segways are de-activated.	1	1	1
Falling from a Segway	Injury to back, broken or sprained limbs.	4	1	4	Only designated trails/routes are used and not in slippery conditions. Visitors are to follow the route the instructor has taken to avoid hazards that may not be obvious to novice users. Visitors under the influence of drugs or alcohol are not permitted on a segway. All riders have training and are introduced to the machines individually, Visitors are requested to listen to instructors rules and how to stay safe. All participants must follow all instructions by staff throughout the session. Instructors are issued with warning whistles/yellow cards to notify riders when they are riding unsafely. All riders will have 2 warnings, with a whistle first followed by a yellow card. A red card will indicate rider has to be removed from the segway. If the instructor finds the visitor unable to operate the machine to a safe standard, and is concerned for him/her well being, the instructor may suggest a simpler more basic trek or possibly removed from the machine for own safety.	1	1	1

					Any user of a segway must do so wearing a bike helmet to protect their head and neck should they fall.			
Collisions – trees, stumps, Large stones.	Injury to rider, third parties and objects	2	1	2	Trails & routes are inspected & remain clear of obstacles. Hedges and overgrown greenery is cut back regularly. The instructor is to re-inforce safe clearance from obstacles as and when they appear All visitors are instructed to be aware of pedestrians and traffic when riding along the drive or through the carpark in order to avoid vehicle collisions. Visitors are each advised by instructors to keep a reasonable safe distance from each other including instructors whilst on the Segway.	1	1	1
Bridges and hills.	Falling injury				All visitors will be stopped by the instructor and advised the best way to approach a bridge or relatively steep hill. They will then be guided by the instructor either on the Segway or on foot. The speed limit will be no more than 10miles per hour through these obstacles	1	1	1
Being struck by a golf ball when riding near the golf course	Riders	2	1	2	Instructors will stop within a safe distance to allow golfers to proceed before continuing their lesson. Riders will be instructed to observe the surrounding area for golf balls coming their way & to follow the golf rules to protect themselves.	1	1	1
<b>Off-site</b> Segway demonstrations	Injury to rider, third parties and objects	4	1	4	Instructors will set up a simple track marked with cones on a flat piece of grass land. At all times instructors will guide and assist users around that track with ratio of rider's to instructors at 1:1.	1	1	1
<b>Off-site</b> Segway loading and unloading - staff	Injury to back	3	3	3	Two members of staff are required to lift the Segway's on and off the pickup truck when transporting the Segway's.	1	1	1

All customer are fully supervised when using the segways  
Comments :

Next review date 1<sup>st</sup> April 2018

SIGNED\_

*Drew Sheldon*

DATE

21/03/17