CAL STATE LA

ELECTRIC CART SAFETY

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The Main Points

- Electric Carts:
 - departmental authorization and training
 - □ traffic laws
 - □ restrictions around pedestrians
 - □ the "restricted zone"
 - □ OEM guidelines and requirements

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Departmental Authorization and Training

Supervisor approves your cart driving privilege using:

- Electric Cart Safety Training (this course)
- State Vehicle Defensive Driving Course
- Demonstration of proper driving technique and knowledge of driving rules and hazards.
- Registration in the University State Vehicle Driver Program
 - California DMV license check
 - □ Have an acceptable driving history
 - □ DMV Pull Notice Program



Obey traffic laws required of all licensed vehicles

- CART OPERATORS WILL:
 - Be familiar with all relevant regulations and traffic laws
 - □ Comply with traffic laws
 - □ Carry valid CDL
 - ☐ **5 MPH** speed limit
 - □ Operate carts in a safe manner at all times
 - □ Financial liability for misuse

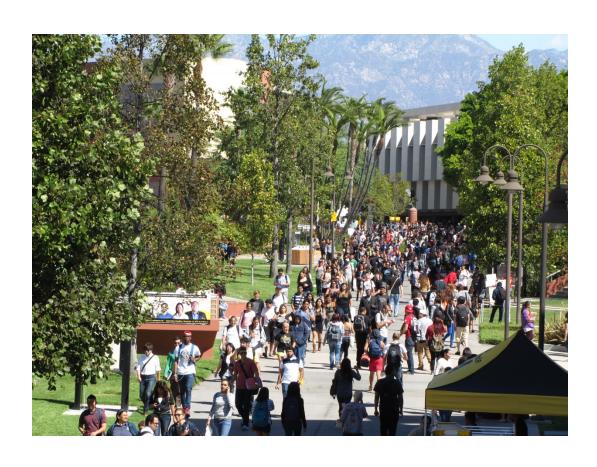


Misuse of University Vehicles

- Driving without Authorization by University
- Driving without a valid CDL (class & type)
- Allowing non-University Employee(s) to drive
- Engaging in Unsafe Practices
- □ Falsification of Vehicle/Driver Documents
- Improper Storage of University Vehicle
- Personal Use or for non-University Business Use
- □ Failure to Comply with any law, regulation or policy regarding use of University Vehicles

Maintain...

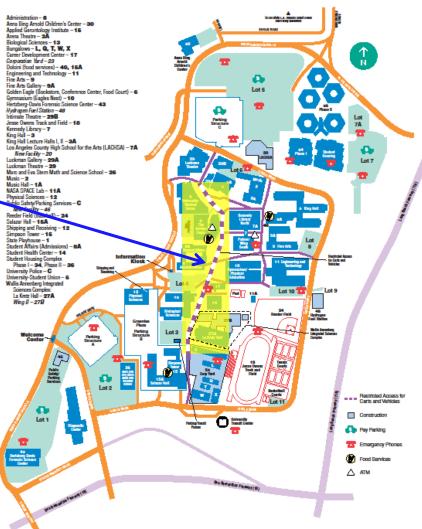
Our Pedestrian Friendly Campus



Restricted Zone



California State University, Los Angeles



Restrictions Around Pedestrians

- Pedestrians have the right-of-way at all times.
- The main walkway area is a <u>restricted zone</u> between
 8:00 a.m. and 6:00 p.m. (AP 502)
 - East-West travel is permitted across the restricted zone.
 - Restricted North-South travel.
- Alternative routes to the central walkway.
 - Supervisors have the responsibility of ensuring personnel are using alternative routes.



- Electric carts shall not be parked immediately in front of any building entrance or exit.
- No carts are to be driven through or parked in the Administration Building Courtyard at any time.



Public Safety Form for Reporting Violations

Location activity observed (be specific):						Date of occurrence:	Time of occurrence:	
Name of person driving the vehicle, if known:					Cart identifier & number: Department: Number:			
			N-16-783					
Male	Female	Height:	m): Weight:	Clothing	Clothing:			
(check al	bbserved: I that apply) ving too	Following too close Weaving in/ out of traffic	conditi	g an unsafe ion for pedes g on main wa restricted pe	strians	Unauthorized occupant in/on vehicle Parked & blocking entranc or exit to a building	Stop sign violation Ce Other (describe below):	
Further d	escription of	actions observed [f necessary]:					
Name of person reporting observed activity:						Date of occurrence:	Time of occurrence:	
Date dep	artment havin	g control of vehicle	or cart notified		requested:	Notified by:		



CART PROCEDURES

- Inspect the cart before use.
- Carts shall not carry more people than designed to carry.
- Operators and passengers must keep their legs and arms in the cab at all times.
- Use of cell phones while driving.
- Use of headphones.
- Non-work related use of carts.
- Complaints/allegations of unsafe operation .



CART PROCEDURES (continued)

- Loads are secured. All loads must be properly secured from falling off. Securing by holding the item while driving is unsafe.
- Observe cart load limit. Don't obstruct drivers view.
- Alterations affecting the capacity or function of the cart.
- Towing carts and proper transport of disabled carts.
- Smoking in carts is NOT allowed.
 (our electric carts <u>are</u> State Vehicles)





Taylor-Dunn Operating Procedures

- require...
 - □ Maximum Speed Range 7-15 mph
 - □ Tow of Vehicle (Flat bed or with Drive Wheels Elevated)
 - □ Caution in Operating on Inclines of 10% or Greater
 - □ Observe Driver Training Requirements
 - □ Keep all parts of body in vehicle while in motion
 - □ Adhere to Driver Qualifications at all times

Taylor-Dunn Operating Procedures
Club Car Owners Manual
Cushman Shuttle



Links to Operator's Manuals

Taylor-Dunn Operating Procedures

http://taylordunnparts.com/manuals/

R_3-80/R3-80_SN136048UP.pdf

Club Car Owners Manual

https://xrtdealers.clubcar.com/ownersManuals/ 102189802_0800C1200A.pdf

Cushman Shuttle

http://www.cushman.com/service_support/manuals.html





Unlike your automobile, carts are quite unforgiving.

Use as intended.

Respect your cart.

It is neither a toy nor an automobile...



Incidents can happen...



Rushing will reveal hidden hazards.

Know your cart controls

Expect the unexpected



Dangers are Out There...



Driving from bright light into dark

Inability to see dark objects then

Slow to dark adapt

Road does not appear rough.

An injury happened here.



Dangers are Out There...



A cart should not attempt going over these speed bumps.

Squeeze around them

pedestrians....

...blind intersections







A worse blind intersection.

Make a full stop!



Circle Drive considerations.



References for cart operation:

- CSULA Inner Campus Cart/Vehicle Policy
 - http://www.calstatela.edu/univ/ehs/docs/occ_safety/ CartPolicy_2010.pdf (also provided as handout)
- State Vehicle Program and link to Taylor Dunn or OEM's Safety Rules & Operating Instructions
 - http://www.calstatela.edu/univ/ehs/rm_vehprog.php

UESTIONS?