

E LEARNING AND ROAD SAFETY

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Abstract

Each year, more than 1.2 million people die across the globe due to road crashes, where a pressing need to understand the underline is causes of the problem. As road safety issues are complex. Significant differences exist both across and within the countries and therefore policies and inventions need to pee adapted to the local environment. Road safety related with learning courses are embedded into broader HSE (Health Safety Environment). In recent years E-learning platforms have created new dimensions in teaching and learning. E learning platforms provide users with varieties of facilities such as electronic presentation, learning resources, videos of lecture, virtual learning environment, learning-activities, communications etc. Government has given various guidelines time to time. There are new guidelines for issuing and renewing having license under the entire process of obtaining a learner license from application to printing will be online, is possible only through E- learning.

Keywords- E-learning and Road Safety, 4E's in road safety, five ways to use E- learning to improve Driver's safety.

Introduction

E- Learning

E-Learning is the use of electronic media and information and communication technologies (ICT) in education. E-learning is broadly inclusive of all forms of educational technology in learning and teaching. E-learning includes numerous types of media that deliver text, audio, images,

animation and streaming videos and includes technology applications and process such as audio or video, tape, Satellite TV, CD -ROM and computer based learning as well as intranet/ extranet and web based.

Road safety

Road Safety refers to methods and measures for reducing the risk of a person using the road network for being killed or seriously injured. But due to ignorance of safety on the road there are accident happening on the road causing injuries and death.

Meaning

Many countries in the world have launched safety campaigns that are intended to reduce traffic accidents by increasing awareness of public. Road safety related to E-learning course are embedded into broader HSE (Health Safety Environment). In recent years E- learning platforms have created new dimensions in teaching and learning. E- Learning platforms provide users variety of facilities such as electronic presentation, learning resources, videos of lecture, internet resources, learning activities etc. A key advantage to getting your learning online and multi device is that it and shows you are in sync with modern learner.

Road safety guidelines

Various guidelines are to be considered regarding road safety. Guidelines are to be divided in four categories. These are as follows-

1. Guidelines for children
2. Guidelines for pedestrians
3. Guidelines for Bus commuters
4. Guidelines for car driver

Guidelines for children

1. Always walk on the footpath only. On road without footpath, walk on the extreme left hand side off the road.
2. Leave home well in time, so that you won't have to run to catch the bus.
3. At the Bus stand always follow the queue.
4. While in the bus, shouting or making a noise definitely bad manners.. Such behavior can Also distract the bus driver.

Guidelines for pedestrians

1. Ride in a straight line for 10 meter.
2. Stop suddenly without falling.
3. Give signal with one hand while riding.
4. Both breakers and the bell works properly.
5. The bicycle is easily noticeable. It should be printed yellow, orange and white.

Guidelines for Bus commuters

1. The bus driver should not make any unscheduled stops in the course of travel.
2. Commuters should conduct themselves in a respectable and responsible manner at all times

Insuring that their behavior does not endanger the comfort.

3. Commuters who breach these guidelines or who in the opinion of bus driver have not acted in

Responsible or respectable manner may be refused travel in the future.

Guidelines for Car Drivers

1. Always carry your driving license and important documents such as vehicle registration

Certificate, insurance certificate, road tax and P.U.C certificate with you while driving.

2. Don't drink while driving.
3. Don't drive under influence of drugs.
4. Obey all traffic signals, lights, signs.
5. Adhere to permitted speed limits.
6. Use the indicators all hand signals when changing lanes.
7. Don't use your cell phone while driving. If you must, move to the left, halt and then make the call.

4 E's in Road Safety

The Ministry of Road Transport and Highway formed four separate working groups on 4 E's Road Safety. These are as follows-

1. Education
2. Enforcement
3. Engineering
4. Environment and emergency care off road accident victims.

Education

Awareness is generated through various Road Safety campaigns utilizing audio- visual and other print media through NGOs. With the view two ways road safety awareness among the general public, The Government have been undertaking various publicity measures through DAUP and professional agencies in the form of telecasting/broadcasting of TV spots, radio sports, display of cinema slides, distributions of posters, books on road safety signage and signs, organizing road safety week, seminar, exhibitions, painting on road railing on the theme of road safety, road safety games, calendars, depicting road safety messages etc.

Enforcement

The Motor Vehicle Act, 1988 and Central Motor Vehicle rules, 1989 contains number of provisions, which if enforced correctly would curb traffic violations by drivers. The Enforcement of these provisions is primarily responsibility of the concerned state Government. The control of National Highway (land and traffic) Act, 2002 provide powers to Highway Administration for control of land within the National Highway.

Engineering

Specifications/designs are constantly under review by the road wings of the Ministry. The Ministry had issued detailed guidelines regarding engineering measures to be taken by all concerned to ensure road safety vide a circular last year. As per the circular the following engineering measures are considered-Geometry of the road, pedestrian facility, separation of local traffic, Bus bays, illuminations, Development of junction, signage's, Road Safety Audit.

Environment and emergency care of Road Accident victims

National Highway Accident Relief Service Scheme (NHARSS) - The scheme entails providing cranes ambulances to State/UTs/NGOs for relief and rescue measures in in after math's of accidents by way of evaluating road accidents victims to the nearest Medical Aid Centre and for clearing accident site. So far, 347 ton cranes and 106 small/medium size cranes have been sanctioned, 29 ambulance have been sanctioned to States/UTs/NGOs under the scheme. During 2011-12, 30 cranes, 30 ambulance and 20 small/medium size cranes are proposed to be provided. Establishment of an integrated network of Trauma Centre along with Golden Quadrilateral North- South and East- West corridors of the National Highway.

These groups have to submit their reports shortly to The Ministry of Road Transport and Highway and have started deliberations of various aspects of road safety.

E-Learning in road safety

A Market- leading education created with knowledge and pedagogy from the majority of countries leading expert in road safety. It includes preparations of reduce risk, self- assessment, personal limitations, risk in general in traffic, stress and speeding.

Blended learning- combine teacher led training with web-based

It is excellent to supplement with road safety lecture or driving training.

Our E- learning in road safety means the requirements of Swedish work environment Authority.

Web based traffic safety training is built in consultation with multiple Authorities.

5 ways to use E - Learning to improve Driver's safety

Behind the wheel training is always going to provide the most advantages when it comes to transforming driver behavior, reducing crashes and saving lives. However, there are times when E-learning through online courses and video training make small sense. That's look 5 ways employers and safety managers can use E- learning programmer to improve driver safety

1. Refresh previous behind -the- wheel training

After a driver has taken behind the wheel training, they have a better understanding how to use principles to remove their driving behavior and create a safer environment on the road.

E learning as a form of refresher training is a great way to reinforce and remind them of the things, they need to be doing behind the wheel.

2. Train employees who only drive occasionally

If you have employee who spent most of their time at a desk or in a warehouse, they probably don't need the kind of in depth training. You want for your full time drivers. Still, anytime they are behind off the wheel of company vehicle, you have some capabilities. E-learning is an excellent way to make sure these employees have received proper training and understand how to respond in specific traffic situations, which improves their overall safety behind the wheel. You can choose course that would be specific to their driving environment as well as select course that makes sense to everyone such as-driving in reverse, driving drowsy and managing technology in the vehicle.

3. Reach employees who work shift that prevent them from taking traditional course in person

When a driver is ready for refresher training or has skills that need polished. You don't want it to put it off until time, when it's convenient Honda driver. You want to address as quickly as possible. That's where E - learning provide the solution that works well for everyone. The ability for drivers to brush up on their driver safety skills after work, on the weekends or any other time that would be convenient for them.

4. Focus on specific driving behavior

Sometime, it comes to your attention that an employee is making poor driving choice. You might learn about proper driving behavior through telematics. In this case e learning provide an opportunity to focus on that need attention. Telematics show you that a driver is braking hard and accelerating quickly. Not only this is dangerous to other vehicle, but its cost you more in fuel and wear and tear on your vehicle. ELearning course can enforce the driver's attention and help him or her become more aware of what they should be doing differently behind the wheel.

5. Identifying that driving habits

E-Learning course is a valuable way to point out certain behaviors and provide corrective actions for them. For example -distracted driving is a significant problem on the road, from distraction outside our vehicle such as-increased traffic, Pedestrian, and scooters and cyclist to growing distraction inside, like cellphone and infotainment system, but even if they are aware of how dangerous distracted driving is most driver's bad habits. With the help of E - learning program driver can see the danger of certain behavior and learn the proper way to manage driving situations and avoid distractions.

Is E-learning Right for you?

There are some of ways an e-Learning program can be used to help to improve driving behavior. And when companies want to provide additional driving on a tighter budget. Learning can be a way to "fill the gaps" between in person and behind the wheel training. Our online training course are as excellent reinforcement.

Conclusion

As we discussed about road safety and E-learning both are very important to survive. So that, we can know about rules, guidelines of Road Safety and to make that easier E- learning is equally important.

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