



Course Title: Driver Rehab 106 - Professional Ethics and Evidenced-Based Driver Rehab Practice

Sub-Title: Environmental Factors Impacting Drivers, Passengers and Pedestrians

Part I: Universal Design and the Automobile

Part II: Wheeled Mobility Tiedown Systems

Part III: In-Vehicle Intelligent Transport Systems

Part IV: External Environment and Traffic Safety

Part V: Driver Rehab for Recreation and Leisure

Part VI: Driving Cessation / Alternative Mobility

Part VII: Urban Planning for Efficient Community Mobility

Course Description:

Driver Rehab 106, Professional Ethics and Evidenced-Based Driver Rehab Practice, is a 5-hour course designed for the Occupational Therapist or Driver Rehab Specialist working in the area of driver rehabilitation. This course consists of three parts. Part 1, “Legal and Professional Ethics in Driver Rehabilitation” explores a variety of issues related to driving and driver rehabilitation. This course does not provide legal advice, but rather helps the clinician understand the legal and ethical issues as they are related to this specialized area of rehabilitation. Part 2, “Research and Evidenced-Based Practice in Driver Rehab” reviews the importance of research in driver rehabilitation. Research is important in defining and developing improvements for individuals with disabilities and this course will help the clinician better understand the research process as well as explore different models of research. In conclusion, Part 3 of this course, “Emergent Functional Brain Imaging and Driver Rehabilitation”, provides an overview of current state-of-the-art methodologies used in neuroimaging. This is important technology for the clinician studying rehabilitation that involves the restoration or reassignment of neural activity. Relevant technologies in neuroimaging for rehabilitation, such as electroencephalography, magnetoencephalography, magnetic resonance imaging and near-infrared spectrometry will all be reviewed. At the end of this lesson, the learner will have a much better understanding of professional ethics, research and functional brain imaging as it relates to the field of driver rehabilitation.

Target Audience: OT / OTA and other healthcare professionals

Course Type: Video vs. Text-based

Educational Level: Beginner, Intermediate, Advanced

CE Hours: 5 contact hour / 5 ceu

Course Prerequisites: None

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/ Watson, PhD, OTR/ L

Learning Objectives:

Part One:

- Be familiar and discuss legal and professional ethics related to driver rehab
- Identify states that have different license renewal regulations based on age
- Understand state requirements for physicians and health care professionals in reporting and treating someone with a specific medical condition
- Understand the consequences for not reporting someone
- Understand what ethical issues and dilemmas driver rehabilitation specialists face

Part Two:

- Understand the importance of research in driver rehabilitation
- Understand the steps in the research process.
- Understand the differences between and uses of quantitative and qualitative research
- Define and differentiate various research models

Part Three:

- Become familiar with current state-of-the-art technology in neuroimaging
- Outline and understand the various imaging modalities and how they work
- Describe application of imaging techniques in evaluation of driving performance for clients with brain injuries
- Recognize the importance in developing a new perspective for driver rehab in convergence between advanced technology and rehab approaches

Agenda:

Hour 1-2:

Demographics

Current Laws Legal

Issues

A Closer Look at Legal and Ethical Issues State

Regulatory Agencies

Evidenced-Based Practice Maintaining

Professional Competence Medications and

Driving

Ethics and the Clinical Evaluation Case

Study #1 - #3

Department of Transportation, Professional Organizations and Key Employers of DRS

Summary

Hour 3:

People with Disabilities and Driving
Definition of Research and its Application to Driver RehabSteps
in the Research Process
Quantitative and Qualitative Research Models
Summary

Hour 4-5:

Next Generation Imaging in Driver Rehabilitation Relevant
Technologies in Neuroimaging for Rehabilitation
 Electroencephalography
 Magnetoencephalography
 Functional Magnetic Resonance Imaging
 BOLD imaging
 Susceptibility Weighted Imaging
 Diffusion Weighted Imaging
 Diffusion Tensor Imaging
 Near infrared Spectroscopy
New Technologies in Driving Studies: Use of a Simulated Driving EnvironmentThe
Role of Rehabilitation
Case Study: MEG Neuroimaging Study on Driving Performance for Normal Adults
Detailed Clinical Research Example
Summary

Course Completion Requirements:

A passing score of 100% is required for course completion. You will have as many attempts as needed until your passing score of 100% is achieved. Upon successful completion of course and completing a satisfaction survey, you will receive your certificate of completion.

Additional Course Information

Course Registration: Register for Free at www.OnlineCE.com. Once registered, you can begin to purchase courses. Contact info@onlinece.com for special needs requests and assistance.

Refund Policy: There will be no refunds for courses taken at OnlineCE.com or monies deposited into My CE Bank. Any money on account will be used for taking future courses. If you start a course in error, or if you are dissatisfied with a course, please contact us in the first part of the course and we will void the course and you can select a replacement course.

Cancellation Policy: Only available courses are offered online and on-demand and available for purchase. No registration fees are collected for courses that are not provided on-demand. Due to the online and on demand format, courses are not cancelled.

Course Date and Location: This is an independent course that is available 24/7 on-demand at www.OnlineCE.com.

Required Materials and Equipment: Courses offered on OnlineCE.com can be accessed on any type of computer or device. No special software is required but we do recommend the use of the Chrome Browser (recommended, not required). All course materials are contained within the courses and no prerequisites are required.



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