

# LITHIUM BATTERY COURSE SYLLABUS

## GENERAL INFORMATION

### DESCRIPTION

The DOT and IATA set forth detailed training requirements to reduce and prevent hazmat incidents both domestically and internationally. Violations of these regulations, including training requirements, are subject to civil penalties for violations and more stringent penalties for violations that result in death, serious illness, or severe injury to any person or substantial destruction of property.

Hazmat training is one of the requirements for which the DOT sets a minimum penalty for noncompliance, per violation.

### EXPECTATIONS AND GOALS

This course will provide the requisite understanding and general principles behind the required training topics in the 49 CFR and IATA, including *general awareness*, *function-specific training*, *security awareness*, and *safety training*. The focus of this course will be to highlight the growing regulations regarding the safe transportation of lithium batteries.

The course is designed to focus on cultivating a general knowledge of the rules and regulations involving the air and ground transportation of lithium batteries, and how to utilize the proper regulations in order to prepare compliant lithium battery shipments for transport.

This course will also provide an overview of UPS specific policies regarding the transport of lithium batteries.

\*No prior knowledge and hazmat experience is required to complete this course.

## COURSE MATERIALS

### REQUIRED MATERIALS

- » UPS Hazardous Materials Service Comparison – North America, reference
- » Preparing UPS Small Parcel Hazardous Materials Shipments, reference
- » U.S. Domestic Surface & Air Transportation Summary Tables, reference

### REQUIRED TEXT

- » **49CFR PARTS 100 -177**, 2021, Department of Transportation
- » **49CFR PARTS 178-199**, 2021, Department of Transportation
- » **IATA 64<sup>th</sup> Edition DGR MANUAL**, 2023
- » **UPS LITHIUM BATTERY PARTICIPANT WORKBOOK**, 2023, UPS (Combo DOT & IATA Versions)
- » **UPS LITHIUM BATTERY RESOURCE GUIDE**, 2023, UPS (Combo DOT & IATA Versions)

\* Everything students will need to complete the course will be provided in their UPS Hazardous Materials Seminar Kits.

## COURSE SCHEDULE

Course Materials	Day 1 – 49CFR	Day 2 - IATA
Introduction to the Basics 49CFR	✓	
UPS Chemical Table	✓	
Lithium Battery General Requirements	✓	
Communication	✓	
Shipping Lithium Batteries	✓	
Introduction to IATA		✓
Identification		✓
Lithium Battery Regulatory Overview		✓
Lithium Battery Packaging/Packing Instructions		✓
Communication		✓

## EXAM SCHEDULE

	Subject
Day 2	DOT & IATA Comprehensive – Lithium Batteries

## ADDITIONAL INFORMATION AND RESOURCES

This course is designed with our customers in mind. If you have any questions about our seminars please email us at [dgseminars@ups.com](mailto:dgseminars@ups.com)