

# ATHENA TELEMATICS VEHICLES ROUTE ASSIGNMENTS

Education Logistics, Inc.

Training  
Guide

2024



# Athena Telematics

## Vehicles Route Assignments

### Training Guide

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Education Logistics, Inc.

3000 Palmer St.

Missoula, Montana 59808

(406) 728-0893

<https://www.edulog.com/>

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## INTRODUCTION

The Athena Telematics Vehicles Route Assignments Training Guide will provide you with explanations of the basic tools within Athena Telematics, walk you through the procedures specific to the Vehicles Route Assignment module within the software.

This module is for long-term vehicle-route assignments; therefore, there are no start dates and end dates for each assignment. The assignment indicates that the assigned vehicle will serve the route throughout the school year.

## NAVIGATING THE VEHICLES ROUTE ASSIGNMENT MODULE

### **Login**

At the Login page, enter your Username (email) and Password.



### **Athena Portal Home Page**

Once logged in, you will be taken to the Athena Portal Home Page. At the bottom of this page are the Athena applications.



Routing Management



Time & Attendance



Telematics



Mapping



Tools



System Settings

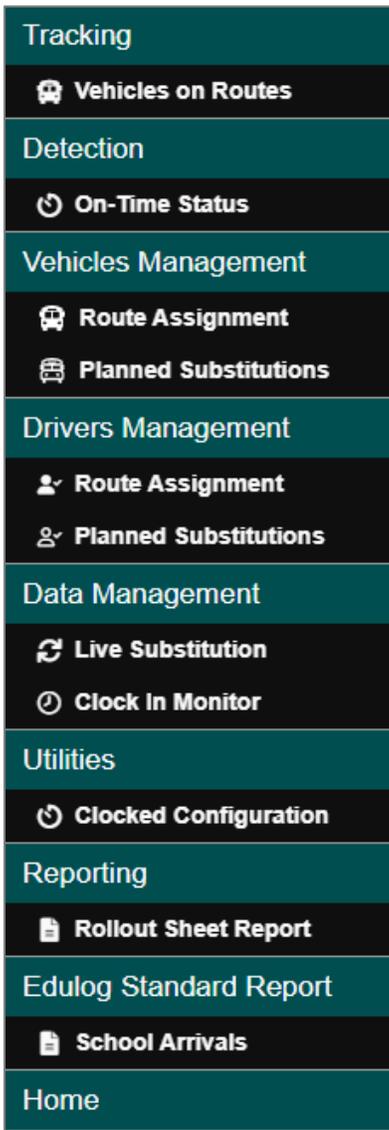
### Telematics Application

Select the satellite icon to enter the Telematics application.



### Action Bar Main Menu

The Telematics Action Bar will open. This is your main menu.



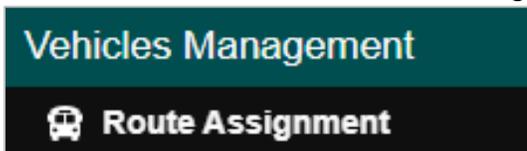
## Hamburger Icon

You can open and close the action bar by selecting the hamburger icon at the top left.



## Telematics Modules

In the action bar, select Routes Assignment under Vehicle Management.



## Route Assignment Module

There are 3 Panels in the route assignment module. Top left is the Vehicle-Route Assignment Panel, on the top right is the Searching panel, and the bottom is the Vehicle Availability panel.

Telematics » Vehicles Management » Route Assignment Active Data Area: plan | Effective on: 6/1/23

Route ID	Vehicle	Frequency	From Time	To Time	Load	Duration	Depot
004		MTWUF	07:05:00	16:22:00	0	09:17:00	
005		MTWUF	07:00:00	16:16:00	60	08:16:00	
006		MTWUF	05:51:00	16:19:00	0	10:28:00	
008		MTWUF	06:50:00	16:20:00	0	09:30:00	
009		MTWUF	06:45:00	16:30:00	0	09:45:00	
010		MTWUF	06:40:00	17:50:00	0	11:10:00	
014		MTWUF	05:50:00	16:28:00	0	10:38:00	
017		MTWUF	06:46:00	16:18:00	0	09:32:00	
021		MTWUF	06:40:00	16:28:00	40	09:48:00	
022		MTWUF	06:33:00	16:21:00	0	09:48:00	
023		MTWUF	06:15:00	17:02:00	0	10:47:00	
025		MTWUF	06:34:00	16:20:00	0	09:46:00	
026		MTWUF	06:45:00	16:25:00	0	09:40:00	
027		MTWUF	06:45:00	16:14:00	0	09:29:00	
028		MTWUF	06:50:00	16:24:00	0	09:34:00	
030		MTWUF	06:07:00	16:42:00	0	10:35:00	
031		MTWUF	06:45:00	16:25:00	0	09:40:00	
032		MTWUF	06:36:00	16:33:00	0	09:57:00	

Vehicle	Route ID	Capacity	Frequency	Depot	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	23:59
VH017		88		D1																									
VEHICLE006		99		D2																									
CHAUMH0...		300																											
H2		150																											
CHAUMH0...		99	aaaaa																										
VEHICLE008		99																											
VH80		99		D1																									
VH029		99		D2																									
CHAUMH0...		99																											

## Load Routes with Assignments

Routes must have valid Frequency (if they have at least one working day) to be loaded

Display the routes and assignments on panel with columns:

- Route ID, Vehicle, Frequency, From Time (AM/PM), To Time (AM/PM), Load, Duration (hours from depot back to depot), Depot (get the start depot of Primary Cover), Assigning Time (Hidden by default)
- The default sorting prioritizes routes that **do not** have a Vehicle Assignment, followed by sorting based on route ID

Telematics » Vehicles Management » Route Assignment Active Data Area: plan | Effective on: 5/31/23

Route ID	Vehicle	Frequency	From Time	To Time	Load	Duration	Depot
001		MTWUF	06:09 AM	04:52 PM	0	10:43:00	
003		MTWUF	05:40 AM	04:29 PM	0	10:49:00	
004		MTWUF	07:05 AM	04:22 PM	0	09:17:00	
005		MTWUF	07:00 AM	04:16 PM	60	09:16:00	
006		MTWUF	05:51 AM	04:19 PM	0	10:28:00	
008		MTWUF	06:50 AM	04:20 PM	0	09:30:00	
009		MTWUF	06:45 AM	04:30 PM	0	09:45:00	
010		MTWUF	06:40 AM	05:50 PM	0	11:10:00	
011		MTWUF	06:35 AM	04:24 PM	60	09:49:00	
013		MTWUF	06:55 AM	04:27 PM	0	09:32:00	
014		MTWUF	05:50 AM	04:28 PM	0	10:38:00	
016		MTWUF	06:50 AM	04:23 PM	0	09:33:00	
017		MTWUF	06:46 AM	04:18 PM	0	09:32:00	
018		MTWUF	06:41 AM	04:27 PM	0	09:46:00	
021		MTWUF	06:40 AM	04:28 PM	40	09:48:00	
022		MTWUF	06:33 AM	04:21 PM	0	09:48:00	
023		MTWUF	06:15 AM	05:02 PM	0	10:47:00	
024		MTWUF	06:31 AM	04:20 PM	80	09:49:00	
025		MTWUF	06:34 AM	04:20 PM	0	09:46:00	

Vehicle	Route ID	Capacity	Frequency	Depot	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	00:00
VH031		550		D2																									
VH007		550		D2																									
CHAUMH0...		300																											
CHAUMH0...		150																											
H2		150																											
CHAUMH0...		99		D1																									
CHAUMH0...		99																											
CHAUMH0...		99	aaaaa																										

## Load Vehicles with Assignments

Load all valid Vehicles and Assigned Routes:

1. Vehicle, Route ID (if there is assignment), Capacity, Frequency, Depot, Availability (Vehicle Service Hours will be colored as red)
2. Default sort by Descending Availability (the no-servicing time)

Vehicle Availability

Default sort by Descending Time Availability, the Capacity, the depot

Vehicle	Route ID	Capacity	Frequency	Depot	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
VH010		30		D1																									
VH001		29		H-D01																									
VH030		20		D1																									
VH002		16		D2																									
CHALVH0...		10		D1																									
MINHVH004		0																											
VH014		0		D2																									
MINHVH005		0																											
MINHVH002		0																											
CHALVH0...		0		D1																									
MINHVH003		0																											
VH025		0		D2																									
CHALVH0...	013	99	MTWUF																										
VH009	017	55	MTWUF	D1																									
VH026	016	0	MTWUF	D2																									
VH007	029	550	MTWUF	D2																									
HB001	018	99	MTWUF	D2																									
VH015	021	0	MTWUF	D1																									
NHUVH02	011	90	MTWUF	D1																									
VH022	024	0	MTWUF	D1																									
CHALVH0...	080	99	MTWUF	D1																									
CHALVH0...	001	150	MTWUF																										
VH031	003	550	MTWUF	D2																									

## Find Vehicles Availability

1. Users select a route and able to change Capacity and Depot to fulfill the search criteria
2. Click on Find Vehicle Availability button to sort vehicles satisfied the specified search criteria on top.

Telematics » Vehicles Management » Route Assignment

Active Data Area: plan | Effective on: 6/1/23

Vehicle-Route Assignment

Route ID	Vehicle	Frequency	From Time	To Time	Load	Duration	Depot
004		MTWUF	07:05:00	16:22:00	0	09:17:00	
005		MTWUF	07:00:00	16:16:00	60	09:16:00	
006		MTWUF	05:51:00	16:19:00	0	10:28:00	
008		MTWUF	06:50:00	16:20:00	0	09:30:00	
009		MTWUF	06:45:00	16:30:00	0	09:45:00	
010		MTWUF	06:40:00	17:50:00	0	11:10:00	
014		MTWUF	05:50:00	16:28:00	0	09:48:00	
022		MTWUF	06:33:00	16:21:00	0	09:48:00	
023		MTWUF	06:15:00	17:02:00	0	10:47:00	
025		MTWUF	06:34:00	16:20:00	0	09:46:00	
026		MTWUF	06:45:00	16:25:00	0	09:40:00	
027		MTWUF	06:45:00	16:14:00	0	09:29:00	
028		MTWUF	06:50:00	16:24:00	0	09:34:00	
030		MTWUF	06:07:00	16:42:00	0	10:35:00	
031		MTWUF	06:45:00	16:25:00	0	09:40:00	
032		MTWUF	06:36:00	16:33:00	0	09:57:00	
033		MTWUF	06:45:00	16:19:00	0	09:34:00	
035		MTWUF	06:19:00	16:29:00	0	10:10:00	

Sort Vehicles satisfied search criteria on the top

Vehicle Requirements

Capacity: 99

Depot: D2

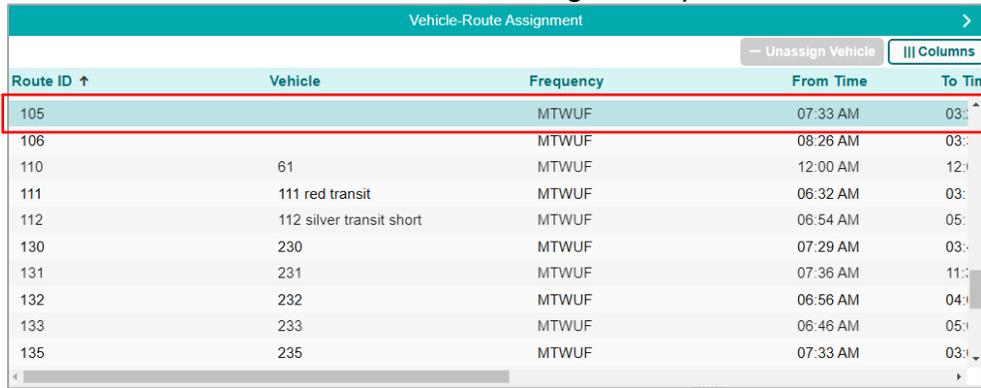
Find Vehicle Availability

Vehicle Availability

Vehicle	Route ID	Capacity	Frequency	Depot	30:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	
VH029		99		D2																									
VEHICLE006		99		D2																									
CHALVH014		300																											
H2		150																											
CHALVH008		99																											
CHALVH007		99		assab																									
VEHICLE008		99																											
VH80		99		D1																									
VH011		99		D1																									
H1		95																											

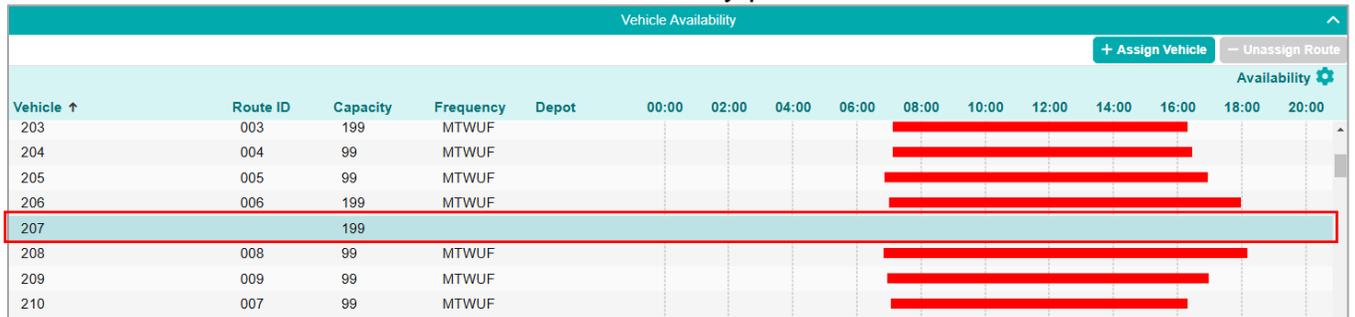
## Assign Vehicle to Route

1. Select a route in the Vehicle-Route Assignment panel.



Route ID ↑	Vehicle	Frequency	From Time	To Time
105		MTWUF	07:33 AM	03:00 PM
106		MTWUF	08:26 AM	03:00 PM
110	61	MTWUF	12:00 AM	12:00 PM
111	111 red transit	MTWUF	06:32 AM	03:00 PM
112	112 silver transit short	MTWUF	06:54 AM	05:00 PM
130	230	MTWUF	07:29 AM	03:00 PM
131	231	MTWUF	07:36 AM	11:00 AM
132	232	MTWUF	06:56 AM	04:00 PM
133	233	MTWUF	06:46 AM	05:00 PM
135	235	MTWUF	07:33 AM	03:00 PM

2. Select an available vehicle in the Vehicle Availability panel.

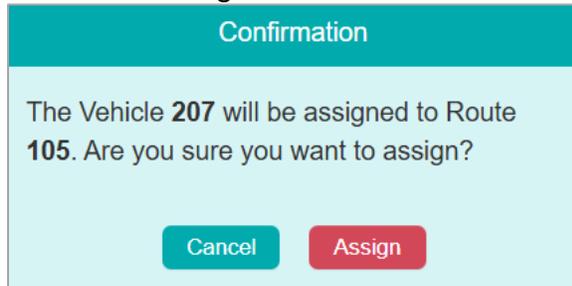


Vehicle ↑	Route ID	Capacity	Frequency	Depot	00:00	02:00	04:00	06:00	08:00	10:00	12:00	14:00	16:00	18:00	20:00
203	003	199	MTWUF						█	█	█	█	█		
204	004	99	MTWUF						█	█	█	█	█		
205	005	99	MTWUF						█	█	█	█	█		
206	006	199	MTWUF						█	█	█	█	█		
207		199							█	█	█	█	█		
208	008	99	MTWUF						█	█	█	█	█		
209	009	99	MTWUF						█	█	█	█	█		
210	007	99	MTWUF						█	█	█	█	█		

3. Then select the Assign Vehicle button.



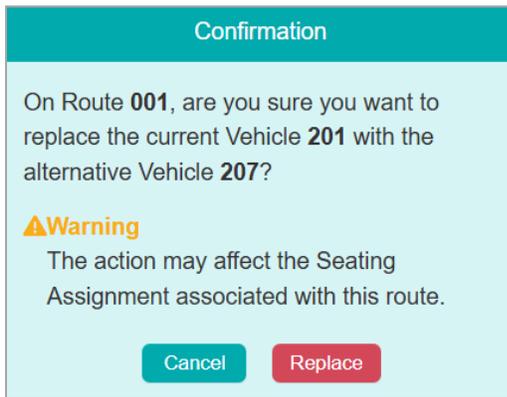
4. Select the Assign button in the confirmation window.



5. A successful message will appear at the top right of the module.



Note: If you try to assign a vehicle that is already assigned, you will receive a confirmation message that asks if you want to replace the current vehicle.



## Unassign Vehicle to Route

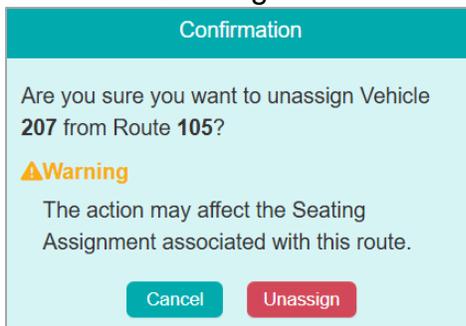
1. Select a route in the Vehicle-Route Assignment panel.

Route ID ↑	Vehicle	Frequency	From Time	To Time
105		MTWUF	07:33 AM	03:00 AM
106		MTWUF	08:26 AM	03:00 AM
110	61	MTWUF	12:00 AM	12:00 AM
111	111 red transit	MTWUF	06:32 AM	03:00 AM
112	112 silver transit short	MTWUF	06:54 AM	05:00 AM
130	230	MTWUF	07:29 AM	03:00 AM
131	231	MTWUF	07:36 AM	11:00 AM
132	232	MTWUF	06:56 AM	04:00 AM
133	233	MTWUF	06:46 AM	05:00 AM
135	235	MTWUF	07:33 AM	03:00 AM

2. Then select the Unassign Vehicle button.



3. Select the Unassign button in the confirmation window.



*Note: the warning message that the seating assignments may be affected.*

4. A successful message will appear at the top right of the module.



## Display Route Assignment Detail

The system will fill the data when user clicks on Route.

- **Route Information:**
- Route ID, Frequency, From Time, End Time, Load

User can also enter data for searching:

- **Vehicle Requirements**
- Capacity, Depot

The screenshot shows a 'Searching' window with the following details:

Route Information	
Route ID	Frequency
013	MTWUF
From Time	To Time
06:55 AM	04:27 PM

Vehicle Requirements	
Vehicle	
CHAUVH015	
Capacity	Depot
<input type="text" value="100"/>	<input type="text" value="D1"/>

Capacity less than equal to 100

[Find Vehicle Availability](#)

Note: Multiple users can view real-time updates made by each other.