

## **Driver Training for Automated Vehicle Technology (01-004) Dataset**

Dataset available at: <https://doi.org/10.15787/VTTI/T5RFJ3>

(This dataset supports report **Driver Training Research and Guidelines for Automated Vehicle Technology**, <http://hdl.handle.net/10919/95178>)

This U.S. Department of Transportation-funded dataset is preserved by the Virginia Tech Transportation Institute (VTTI) in their data repository (<https://dataverse.vtti.vt.edu/>), and is available at <https://doi.org/10.15787/VTTI/T5RFJ3>

The related final report **Driver Training Research and Guidelines for Automated Vehicle Technology**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/61487>

### **Metadata from the VTTI Repository record:**

Dataset Persistent ID: doi:10.15787/VTTI/T5RFJ3

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Title: Driver Training for Automated Vehicle Technology (01-004)

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#### Description:

- Project Description:
  - The overall goal of the Driver Training for Automated Vehicle Technology Project is to develop training protocol guidelines that can be used by automated vehicle trainers to optimize the overall use of automated vehicle systems, and thereby to optimize transportation safety. The purpose of this study conducted at the Texas A&M Transportation Institute was to evaluate training two different protocols and their overall effectiveness on driving performance.
- Project Methods:
  - 30 older adults participated in this study. Participants were randomly placed in one of three groups: 1) no training (control group) 2) video-based training and 3) demonstration-based training. After completing training, participants completed three drives of eight segments. The segments alternated between manual driving (i.e. when AV system cannot be activated) and automated driving (i.e. when AV system can be activated).

Subject: Engineering; Other

Keyword: automated vehicles, level 2 automation, adaptive cruise control, lane keep assist system, workload

**Recommended citation:**

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**Dataset description:**

This dataset contains 1 file collection, described below.

**Driver Training Research and Guidelines for Automated Vehicle Technology\_Data.zip**

- UTC Project 001-004 Driver Training Final Dataset\_11-20.xlsx
- Task 3 – Design Spec 8-13-18.pdf

**File Type Descriptions:**

- The .xlsx and .xls file types are Microsoft Excel files, which can be opened with Excel, and other free available software, such as OpenRefine.
- The .pdf file format is an Adobe Acrobat Portable Document Format (PDF) file and can be opened with the Adobe Acrobat software.

**National Transportation Library (NTL) Curation Note:**

As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (<https://doi.org/10.21949/1503647>) Section 7.4.2 Data, the NTL staff has performed *NO* additional curation actions on this dataset. NTL staff last accessed this dataset at <https://doi.org/10.15787/VTT1/T5RFJ3> on 2022-04-27. If, in the future, you have trouble accessing this dataset at the host repository, please email [NTLDataCurator@dot.gov](mailto:NTLDataCurator@dot.gov) describing your problem. NTL staff will do its best to assist you at that time.