



Openly Licensed and Zero Cost Resources for Automotive Mechanics Technology

This document is meant to give you some starting points to begin searching for Open Educational Resources (OER) and other free resources that would be suitable for your courses. OER are being created and shared every single day so this is just a starting point. It's always a good idea to do some searching on your own to see what else you might find.

Table of Contents

OER Being Used at other Colleges and Universities	1
Finding OER and ZTC Resources & OER Repositories	2
Getting to Zero Textbook Costs (ZTC) Doesn't Mean OER or Nothing	2
FAQs Regarding OER and ZTC	2
Library Resources for Your Discipline	2
Additional Resources	3

OER Being Used at other Colleges and Universities

- [NSC Electric Vehicle Technology Program](#) (Open Learning Initiative, Carnegie Mellon University, 2019)
- [Diesel Engine Service](#) (Thul, 2015)
- [Introduction to Hydraulics and Pneumatics](#) (Thul, 2015)
- [Auto Heating and Air Conditioning Lab and Theory](#) (Thul, 2015)

Finding OER and ZTC Resources & OER Repositories

There are many OER repositories and databases as well as many freely available online resources that you can use to convert your courses to zero textbook costs. The [ZTC at CRC Website](#) lists some of the most useful resources we've found. This is by no means an exhaustive list. If you find a repository or database you find particularly useful, please contact the OER Project Lead, [Andi Adkins Pogue](#), for possible inclusion on this website.

Getting to Zero Textbook Costs (ZTC) Doesn't Mean OER or Nothing

You are free to utilize other learning materials that aren't necessarily "Open" to convert your course to a Zero Textbook Cost course. This includes material that is freely (and legally) available online and material that can be accessed to currently enrolled students through the library's electronic resources.

FAQs Regarding OER and ZTC

- [What's the difference between ZTC and OER?](#)
- [What if I cannot find an OER that would work for my course?](#)
- [What if my class uses a resource that isn't freely available or there is no OER option like a novel?](#)
- Read all FAQs: [OER/ZTC College Goal FAQs](#)

Library Resources for Your Discipline

- Read the Handout: [Using Library Materials to Achieve Zero Textbook Costs](#)
- Library Category for Your Discipline: [General](#)
Find ebooks and periodical articles related to your curriculum in our research databases.
- Ebooks available from the CRC Library (some titles are limited in number of simultaneous users - check with your librarian)
 - Three textbook titles are set up for "digital lending."
 - [Automotive technology principles, diagnosis, and service](#)
 - [Automatic transmissions & transaxles](#)
 - [Manual transmissions & transaxles](#)
- Streaming videos available from the CRC Library subscription to "Films on Demand"
Most videos are broken into shorter segments covering specific topics that can be played individually.
 - [Automotive Maintenance and Safety \(series\)](#)
 - [Essential Automotive Tasks \(series\)](#)
 - [Strategy-Based Automotive Diagnosis](#)
 - [Automotive Engines](#)

- Is there a specific library book, ebook, or other resource you think we should have that is not in our collection? Fill out the [Library Purchase Request Form](#)

Additional Resources

- The Academic Senate for California Community Colleges [Open Educational Resources Initiative](#) has done a lot of work in this area. It's worth exploring the [Resources section of their website](#) as well as the [Webinars and Events page](#). Click the "show archived webinars" link to search for webinars on general topics as well as specific disciplines.
- [Occupational Outlook - Automotive Service Technicians and Mechanics](#)
- [Skills Common - Automotive Maintenance and Repair](#)
- [Skills Common - Automotive Technology Curriculum](#)
- [ASE Automobile Tests Study Guide](#)
- [Automotive Electrical Systems](#) - (curriculum units from WISC-ONLINE)
- [Autozone Repair Guides](#)
- [Crawford's Auto Repair Guide](#)
- [California Bureau of Automotive Repair](#) - Publications, reports, forms, and other resources
- [Auto Repair Databases](#) through the Sacramento Public Library
 - [Public library cards are free](#) and can be applied for online