# AUTOMOTIVE TECHNOLOGY
## LIBRARY RESOURCES
### TABLE OF CONTENTS

**AUTOMOTIVE BOOKS, MAGAZINES AND VIDEOS**  
IN THE CGTC LIBRARIES

<table>
<thead>
<tr>
<th>Resource</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive Training Books</td>
<td>3-10</td>
</tr>
<tr>
<td>Classic Car Books</td>
<td>11-13</td>
</tr>
<tr>
<td>Automotive Magazine Subscriptions</td>
<td>14</td>
</tr>
<tr>
<td>Automotive VHS Videocassettes</td>
<td>15</td>
</tr>
</tbody>
</table>

**AUTOMOTIVE REPAIR MANUALS, BOOKS, MAGAZINES AND VIDEOS ONLINE**

<table>
<thead>
<tr>
<th>Resource</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Repair Reference Center – repair manuals online</td>
<td>16</td>
</tr>
<tr>
<td>Online Magazine Subscriptions via GALILEO</td>
<td>17-18</td>
</tr>
<tr>
<td>eBooks (Electronic Books) via eBooks on EBSCOhost</td>
<td>19-21</td>
</tr>
<tr>
<td>Online Videos via FILMS ON DEMAND</td>
<td>22</td>
</tr>
<tr>
<td>Automotive Websites (Professional Associations, Organizations, etc.)</td>
<td>23-24</td>
</tr>
<tr>
<td>Other Databases in GALILEO relevant to AUTT Programs</td>
<td>25</td>
</tr>
</tbody>
</table>

Auto Engine Repair (A1) / J. Duffy.
TL 210 .D7797 2010

Automatic Transmissions & Transaxles (A2) / C. Johanson.
TL 263 .J65 2010

Manual Drive Trains and Axles (A3) / C. Johanson.
TL 262 .J64 2010

Auto Suspension and Steering (A4) / C. Johanson.
TL 257 .J64 2010

Auto Brakes (A5) / C. Johanson.
TL 269 .J65 2008

Auto Electricity and Electronics (A6) / J. Duffy.
TL 272 .D8297 2010

Auto Heating and Air Conditioning (A7) / C. Johanson.
TL 271 .J65 2009

Auto Engine Performance and Driveability (A8) / C. Johanson.
TL 210 .J65 2010

ASE Test Preparation, Delmar Learning Thomson.
TL 152 .A7977 2006 vol. 1-11

1. Engine Repair (Test A1)
2. Automatic Transmissions and Transaxles (Test A2)
3. Manual Drive Trains and Axles (Test A3)
4. Suspension and Steering (Test A4)
5. Brakes (Test A5)
6. Electrical/Electronic Systems (Test A6)
7. Heating and Air Conditioning (Test A7)
8. Engine Performance (Test A8)
9. Service Consultant (Test C1)
10. Advanced Engine Performance (Test L1)
11. Exhaust Systems (Test X1)
ASE Test Preparation Series A1-A8, L1, Prentice Hall

   Engine Repair (A1) / J. Halderman.  
    TL 210 .H2924 2004

   Automatic Transmission/Transaxle (A2) / J. Halderman.  
    TL 262 .H34 2004

   Manual Drive Trains and Axles (A3) / J. Halderman.  
    TL 260 .H35 2004

   Steering and Suspension (A4) / J. Halderman.  
    TL 275 .H35 2004

   Brakes (A5) / J. Halderman.  
    TL 269 .H3523 2004

    TL 272 .H225 2004

   Heating and Air Conditioning (A7) / J. Halderman.  
    TL 271 .H35 2004

   Engine Performance (A8) / J. Halderman.  
    TL 210 .H2923 2004

   Advanced Engine Performance (L1) / J. Halderman.  
    TL 210 .H288 2004

   Advanced Engine Performance Diagnosis / J. Halderman.  
    TL 210 .H287 2012

   Auto Diagnosis, Service, and Repair / M. Stockel.  
    TL 152 .S7743 2003

   Auto Brakes / C. Johanson.  
    TL 269 .J65 2008

   Auto Electricity and Electronics / J. Duffy.  
    TL 272 .D8297 2010

   Auto Engine Performance and Driveability / C. Johanson.  
    TL 210 .J65 2010

   Auto Engine Repair / J. Duffy.  
    TL 210 .D7797 2010
TL 240 .S83 2005

Auto Heating and Air Conditioning / C. Johanson.
TL 271 .J65 2009


Auto Repair for Dummies / D. Sclar.
TL 152 .S42 2009

Auto Suspension and Steering / C. Johanson.
TL 257 .J64 2010

Automatic Transmission/Transaxle (A2) / J. Halderman.
TL 262 .H34 2004

Automatic Transmissions and Transaxles / T. Birch.
TL 263 .B57 2010

Automatic Transmissions & Transaxles / C. Johanson.
TL 263 .J65 2010

Automotive Brake Systems / C. Owen.
TL269 .O96 2008 (2 volumes)

Automotive Brake Systems / J. Halderman.
TL 269 .H35 2010

Automotive Brakes: Tech One / J. Erjavec.
TL 269 .E75 2004

Automotive Chassis: Brakes, Suspension, and Steering / T. Gilles.
TL 255 .G55 2005

Automotive Chassis Systems / J. Halderman.
TL 255 .H33 2010

Automotive Electricity and Electronics / J. Halderman.
TL 272 .H22256 2011

Automotive Electricity & Electronics / B. Hollembeak.
TL272 .H62 2007 (2 volumes)
Automotive Engine Performance / J. Halderman.
TL 210 .H289 2010

Automotive Engine Performance / K. Pickerill.
TL 210 .V5 2010 (2 volumes)

Automotive Engine Rebuilding / J. Hughes.
TL 210 .H75 2003

Automotive Engine Repair and Rebuilding / E. Dorries.
TL 210 .D63 2006

Automotive Engine Repair and Rebuilding / C. Hadfield.
TL 210 .H33 2010 (2 volumes)

Automotive Engines : Diagnosis, Repair and Rebuilding, 6th ed. / T. Guilles.
TL 210 .H29 2011

Automotive Engines : Theory and Servicing / J. Halderman.
TL 210 .H29 2011

Automotive Fuel and Emissions Control Systems / J. Halderman.
TL 214 .F8 H35 2009

Automotive Fuels and Emissions / B. Hollembeak.
TL 214 .F8 H65 2005

Automotive Handbook / Robert Bosch.
TL 151 .A98 2004

Automotive Heating and Air Conditioning / M. Schnubel.
TL 271 .D85 2009 (2 volumes)

Automotive Heating and Air Conditioning / T. Birch.
TL 271 .B57 2012

TL 271 .A87 2004

Automotive Job Sheets for NATEF Task Mastery / C. Hadfield.
TL 152 .H33 2008

Automotive Service Basics / D. Patten.
TL 152 .P334 2002


Automotive Steering, Suspension, and Alignment / J. Halderman. TL 259 .H35 2004

Automotive Suspension & Steering Systems / D. Knowles. TL 257 .K596 2007 (2 volumes)


Basic Automotive Service and Systems / C. Owen. TL 152 .O96 2007 (2 volumes).


Brakes (A5) / J. Halderman. TL 269 .H3523 2004


Car Suspension and Handling / D. Bastow. TL 257 .B37 2004

Complete Car Care Manual / Popular Mechanics. TL 152 .P625 2003

Computerized Engine Controls, 9th ed. / S. Hatch.
TL 214 .C64 K56 2012

Diagnosis and Troubleshooting of Automotive Electrical, Electronic, and Computer Systems, 6th ed. / J. Halderman.
TL 272 .H223 2012

Diesel Mechanics, 4th ed. / E. Schulz.
TJ 799 .S38 2000

Diesel Mechanics Workbook, 4th ed. / E. Schulz.
TJ 799 .S38 2000 Workbook


TL 272 .H225 2004

Engine Performance (A8) / J. Halderman.
TL 210 .H2923 2004

Engine Repair (A1) / J. Halderman.
TL 210 .H2924 2004

Fundamental Electrical Troubleshooting : Electricity Explained in a Way that Makes it Useful for Mechanics / D. Sullivan.
TK 2184 .S45 2010

Glencoe Automotive Excellence / R. Chappell.
TL 146 .G52 2007 (2 volumes)

Goodheart-Willcox Automotive Encyclopedia / W. Talbot.
TL 205 .G66 2006

Guide to the Automobile Certification Examination / J. Hughes.
TL 152 .H858 2003

Heating and Air Conditioning (A7) / J. Halderman.
TL 271 .H35 2004

How Cars Work / T. Newton.
TL 146 .N48 1999

How to Diagnose and Repair Automotive Electrical Systems / T. Martin.
TL 272 .M3745 2005
How to Rebuild Any Automotive Engine / B. Kluczyk.

How to Repair Your Car / P. Brand.
TL 152 .B685 2006

Hybrid, Electric and Fuel-Cell Vehicles, 2nd ed. / J. Erjavec.
TL 220 .E74 2013

Illustrated Automotive Dictionary / J. Dinkel.
Ref TL 9 .D56 2000

Manual Drive Trains and Axles / C. Johanson.
TL 262 .J64 2010

Manual Drive Trains and Axles (A3) / J. Halderman.
TL 260 .H35 2004

Manual Drivetrains and Axles / T. Birch.
TL 260 .B57 2012

Math for the Automotive Trade, 5th ed. / J. Peterson.
TL 152 .P3965 2012

Medium/Heavy Duty Truck Engines, Fuel and Computerized Management Systems / S. Bennett.
TL 210 .B4143 2004

Medium/Heavy Duty Truck Technician Certification Test Preparation Manual / Knowles.
TL 152 .K576 2008

Modern Automotive Technology / J. Duffy.
TL 146 .D84 2009

Modern Diesel Technology : Light Duty Diesels / S. Bennett.
TL 230.2 .B464 2012

Modern Electric, Hybrid Electric, & Fuel Cell Vehicles : Fundamentals, Theory & Design
TL 221.15 .G39 2005

TL 263 .E67 2010

NATEF Standards Job Sheets (A2) : Automatic Transmissions & Transaxles / Erjavec.
TL 263 .E67 2010
NATEF Standards Job Sheets (A3) : Manual Transmissions / J. Erjavec.  
TL 260 .E67 2010

NATEF Standards Job Sheets (A4) : Suspension and Steering / J. Erjavec.  
TL 257 .E67 2010

NATEF Standards Job Sheets (A5) : Brakes / J. Erjavec.  
TL 269 .E67 2010

NATEF Standards Job Sheets (A6) : Electrical and Electronic Systems / J. Erjavec.  
TL 272 .E67 2010

NATEF Standards Job Sheets (A7) : Heating and Air Conditioning / J. Erjavec.  
TL 271 .E67 2010

NATEF Standards Job Sheets (A8) : Engine Performance / J. Erjavec.  
TL 210 .E67 2010

NATEF Standards Job Sheets for Performance-Based Learning / C. Johanson.  
TL 152 .J626 2009

OBD II : Functions, Monitors & Diagnostic Techniques / A. Santini.  
TL 152 .S323 2010

TL 152 .P35 2009

Principles of Electricity and Electronics for the Automotive Technician, 2nd ed. /  
TL 272 .C513 2010

Road & Track Illustrated Automotive Dictionary / J. Dinkel.  
Ref TL 9 .D56 2000

Steering and Suspension (A4) / J. Halderman.  
TL 275 .H35 2004

Super Cars : Road & Track Guide to Cars of Exceptional Speed, Power and Beauty /  
TL 236 .S96 2004

Troubleshooting & Repairing Diesel Engines / P. Dempsey.  
TJ 799 .D44 2008
Classic Car Books:

American Muscle Cars / W. Holder.

TL 23 .F87 2004

Ref TL 9 .B43 2000

TL 147 .S88 1990


Classic American Cars / Q. Willson.
Ref TL 23 .W583 1997

TL 215 .C6 M8395 2004

Corvette Grand Sport / D. Friedman.
GV 1029 .F73 2004

Encyclopedia of American Cars, from 1930 / Ref TL 151.5 .E53 1993

Ref TL 9 .E5233 1997
Essential Musclecars / M. Mueller.
TL 47 .M75 2004

Famous Ford V-8s / L. Sorensen.
TL 215 .F7 S6672 2002

TL 215 .M8 H4

TL 215 .R3 S57 1992

Hot Cars of the 50’s : The Best Cars from Around the World / C. Cheetham.
TL 15 .H644 2004

Hot Cars of the 60’s : The Best Cars from Around the World / C. Cheetham.
TL 15 .H645 2004

Hot Cars of the 70’s : The Best Cars from Around the World / C. Cheetham.
TL 15 .H646 2004

Hot Rod : The Photography of Peter Vincent / P. Vincent.
TL 236.3 .V5623 2004


Muscle Cars / P. Henshaw.
TL 23 .H46 2004

Mustang : 40 Years / R. Leffingwell.
TL 215 .M8 L44 2004

TL 215 .M8 T49 2004

NASCAR Best Shots : The Greatest Photography in NASCAR History.
GV 1029.9 .S74 N376 2004

NASCAR Racers : Today’s Top Drivers / B. White.
GV 1032 .A1 W45 2005

TL 215 .D6 S35 2004

Performance Fords / G. Robson.
TL 215 .F7 R65 2004

Pickup Trucks / J. Carroll.
TL 230.5 .P49 C37 2003

Pickup Trucks / M. Mueller.
TL 230.5 .P49 M84 2003

TL 23 .K55 2005

Pontiac GTO : The Great One / S. Statham.

Rebuilding the Famous Ford Flathead / R. Bishop.
TL 210 .B513

TL 15 .S7 1992


TL 215 .F6 L48 2003

Super 60’s Fords : The Inside Story of the Most Powerful Fords Ever Built / J. Smith.
TL215.F7 S4 2003

Super Cars : The Road & Track Guide to Cars of Exceptional Speed, Power and Beauty
TL 236 .S96 2004

TL 23 .Z39 2002

TL 236 .P235 2004

Z Car : A Legend In Its Own Time / B. Millspaugh.
Print Magazine Subscriptions in Library:

Automotive News
ISSN 0005-1551

AutoWeek
ISSN 0192-9674

Car and Driver
ISSN 0008-6002

Diesel Power
ISSN 1934-4988

Engine Builder
ISSN 1535-041X

Motor Trend
ISSN 0027-2094

Road & Track
ISSN 0035-7189

Transmission Digest
ISSN 0277-8300

Undercar Digest
ISSN 0893-6943
VHS Video Resources in Library:

**Introduction to Automotive Technology:**

Autoshop Safety
Automotive Measurement
Caring for Your Car: Automotive Basics
Engine Fundamentals
Vehicle Maintenance and Fluid Service

**Electrical Systems:**

Starting System Operation
Starting System Service
Charging System Operation
Charging System Service
Using a Load Tester
Ignition System Operation
Ignition System Service

**Computer Systems:**

Computer System Operation
Scanning Automotive Computer Problems
Computer System Service
Computer Self-Diagnosis

**Brake Systems:**

Brake Systems
Brake System Service
To access the online AUTO REPAIR REFERENCE CENTER from the Macon, Milledgeville, Crawford or Putnam campus/centers:

1. Go the CGTC Library Services website: www.centralgatech.edu/library
2. Select Library Resources from the left navigation menu
3. Select Auto Repair Reference Center from center list (second in list)
4. Follow online directions to select:
   - YEAR of vehicle
   - MANUFACTURER of vehicle
   - MODEL of vehicle
   - EXACT MATCH for vehicle

Please Note:

Off-Campus Users will be prompted for a GALILEO password after step “3.” above. To obtain the GALILEO Password:

1. Email the CGTC Library at: library@centralgatech.edu
2. Type “GALILEO Password Request” in email subject line
3. Include your First and Last Name and CGTC ID# in the body of the message
<table>
<thead>
<tr>
<th>Magazine Title</th>
<th>GALILEO Database</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aftermarket Business</td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td>American Road</td>
<td>EBSCOhost MasterFILE Premier</td>
</tr>
<tr>
<td>Automotive Design &amp; Production</td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td>Automotive Engineer</td>
<td>EBSCOhost ABI Inform Complete</td>
</tr>
<tr>
<td>Automotive Industries</td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td>Automotive Manufacturing Solutions</td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td>Automotive News</td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td>AutoWeek</td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td>Hydrogen Cars</td>
<td>ProQuest Career and Technical</td>
</tr>
<tr>
<td>Just - Auto</td>
<td>ProQuest ABI Inform Complete</td>
</tr>
<tr>
<td>Light &amp; Medium Truck</td>
<td>ProQuest ABI Inform Complete</td>
</tr>
<tr>
<td>Motor Age</td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td></td>
<td>ProQuest ABI Inform Complete</td>
</tr>
<tr>
<td>Magazine</td>
<td>Database</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Motor Magazine</td>
<td>ProQuest ABI Inform Complete</td>
</tr>
<tr>
<td>Motor Transport</td>
<td>EBSCOhost Business Source Complete</td>
</tr>
<tr>
<td>Motor Truck</td>
<td>ProQuest ABI Inform Complete</td>
</tr>
<tr>
<td>Petersen's Four Wheel &amp; Off-Road</td>
<td>EBSCOhost Middle Search Plus</td>
</tr>
<tr>
<td>Popular Mechanics</td>
<td>EBSCOhost Academic Search Complete</td>
</tr>
<tr>
<td>Stapp Car Crash Journal</td>
<td>ProQuest Research Library</td>
</tr>
<tr>
<td>Transportation Business Journal</td>
<td>ProQuest Research Library</td>
</tr>
<tr>
<td>Ward's Auto World</td>
<td>ProQuest ABI Inform Complete</td>
</tr>
</tbody>
</table>
Electronic Books (eBooks) via eBooks on EBSCOhost:


Career As an Automotive Design Engineer / Chicago Institute for Career Research, 2007.


Careers in Service Station Operation / Chicago Institute for Career Research, 2005.


Intelligent Vehicle Technology and Trends / R. Bishop.

Introduction to Sustainable Transportation : Policy, Planning and Implementation / P. Schiller.
Washington Earthscan Ltd., 2010.


Occupational Outlook Handbook


Real NASCAR : White Lightning, Red Clay, and Big Bill France / D. Pierce.


Online Videos via FILMS ON DEMAND:

To access FILMS ON DEMAND:

1. Go the CGTC Library Services website: www.centralgatech.edu/library
2. Select the FILMS ON DEMAND graphic
3. Select “Collections” from the top horizontal menu
4. Select “Technical and Trade Education” from the Collections drop down menu
5. The “Automotive Technology” section displays with these sub-headings:
   - Auto Body Repair (13)
   - Automotive Industry (22)
   - Automotive Systems and Repair (80)
   - Careers in Automotive Technology (1)
   - Shop safety and Practices (2)

Off-Campus Users will be prompted for a GALILEO password after step “2.” above.
To obtain the GALILEO Password:

1. Email the CGTC Library at: library@centralgatech.edu
2. Type “GALILEO Password Request” in email subject line
3. Include your First and Last Name and CGTC ID# in the body of the message

*Alternate, direct access to FILMS ON DEMAND from Off-Campus:

1. Go to: http://digital.films.com
2. Enter the following “User ID/Email” and “Password” info (in all lowercase letters) and then click the Login button:
   - User ID/Email: cgtc
   - Password: library
Automotive Websites:

Alliance of Automotive Service Providers (AASP)
www.autoserviceproviders.com

Automatic Transmission Rebuilders Association (ATRA)
www.atra.com

Automotive Engine Rebuilders Association (AERA)
www.aera.org

Automotive Maintenance and Repair Association (AMRA)
www.motorist.org

Automotive Parts Remanufacturers Association (APRA)
www.apra.org

Automotive Service Association (ASA)
www.asashop.org

AutoWorld’s Automotive Terminology 101

Certified Automotive Parts Association (CAPA)
www.capacertified.org

Congress of Automotive Repair and Services (CARS)
www.carsevent.com

Coordinating Committee for Automotive Repair
www.ccar-greenlink.org/CCAR/

Hybrid Electric and Fuel Cell Vehicles (National Renewable Energy Laboratory)
www.nrel.gov/vehiclesandfuels/hev/

I-CAR (Inter-Industry Conference on Auto Collision Repair)
www.i-car.com

International Automotive Technicians’ Network (iATN)
www.iatn.net
Just- Auto (automotive industry news)
www.just-auto.com

Kevin Sullivan’s Autoshop 101
www.autoshop101.com

National Automotive Technicians Education Foundation (NATEF)
www.natef.org

National Automotive Service Task Force (NASTF)
www.nastf.org

National Institute for Automotive Service Excellence (ASE)
www.ase.com

National Highway Traffic Safety Administration (NHTSA)
www.nhtsa.gov

Society of Automotive Engineers (SAE)
www.sae.org
Automotive Repair Reference Center

**EBSCOhost full-text journal databases:**
- Academic Search Complete
- Advanced Placement Source
- Business Source Complete
- MasterFILE Premier
- Science and Technology Collection
- Vocational and Career Collection

**ProQuest full-text journal databases:**
- ABI/Inform Complete (American Business Index)
- Career & Technical Education
- Research Library

FOR ASSISTANCE accessing any online database, eBook, online journal, or other resource please contact the CGTC Library at: library@centralgatech.edu.