

The **Automotive Technology** program provides courses for those who want to prepare for the high-tech and exciting world of automotive service and repair. Multiple program options exist: a 71-credit hour program leading to an A.A.S. Degree in Automotive Technology, a 42-credit hour program leading to a One-Year Certificate in Automotive Technology, or a 42-credit hour program leading to the Certificate of Alternative Fuel Vehicle Technology. The Certificate in Automotive Technology and the Associate Degree in Automotive Technology will help the student to begin a career in the automotive industry that will be both fun and rewarding. The Certificate in Alternative Fuel Vehicle Technology will help the student to be able to work on some of the most high-tech vehicles that are becoming common place on today's streets and highways.

**Degree Requirements**

**Freshman Year - Fall Semester**

▪ AUTO 1765 - Automotive Electrical Systems I	Credits: 3	
▪ AUTO 1766 - Automotive Electrical Systems II	Credits: 3	
▪ AUTO 1770 - Automotive Electronics	Credits: 3	
▪ CMAP 1200 - Computer Information Systems	Credits: 3	
▪ ENGL 1010 - English Composition I	Credits: 3	
▪ HMDV 1005 - 1st Year Success	Credits: 1	<i>Subtotal: 16</i>

*Freshman Year - Fall Semester Notes: In addition to ENGL 1010, students may be required to also take ENGL graduation total.*

**Freshman Year - Spring Semester**

▪ AUTO 1700 - Engine Fundamentals	Credits: 6	
▪ AUTO 1760 - Heating and Air Conditioning	Credits: 3	
▪ ENGL 2005 - Writing in Technology and the Sciences	Credits: 3	
▪ PHYS 1050 - Concepts of Physics	Credits: 4	
▪ TECH 1600 - Industrial Safety	Credits: 3	<i>Subtotal: 19</i>

**Sophomore Year - Fall Semester**

▪ AUTO 1730 - Automatic Transmissions	Credits: 6	
▪ AUTO 1740 - Brake Systems	Credits: 3	
▪ AUTO 2540 - Advanced Brakes & Suspension Systems	Credits: 3	
▪ AUTO 2545 - Automotive Alignment & Steering Systems	Credits: 3	
▪ WELD 2630 - Welding for the Arts I	Credits: 3	<i>Subtotal: 18</i>

**Sophomore Year - Spring Semester**

▪ AUTO 1690 - Manual Power Transmission Fundamentals	Credits: 6	
▪ AUTO 2510 - Engine Performance I	Credits: 3	
▪ AUTO 2520 - Engine Performance II	Credits: 3	
▪ AUTO 2590 - Engine Performance III	Credits: 3	
▪ US & Wyoming Constitution	Credits: 3	<i>Subtotal: 18</i>

*Sophomore Year - Spring Semester Notes: US & Wyoming Constitution can be fulfilled by U.S. to 1865 (HIST 1211), U.S. From 1865 (HIST 1221), Wyoming History (HIST 1251) and American & Wyoming Government (POLS 1000).*

**Total Credit Hours: 71**