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## Airport – Automotive Service Technology

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*This program offers excellent career opportunities for both male and female students.*

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## Credits, Articulations & Prerequisites

### Credits:

Cross credit with some academic courses (including 4<sup>th</sup> year related math, VPAA, math & science) may be available and will be reviewed on a case-by-case basis with each district's counseling department.

### Articulations:

- Davenport University
- Henry Ford College
- Washtenaw Community College
- Wayne County Community College District

### Prerequisites:

- Junior status
- Grade of C or better in Math (Applied/Pre-Algebra)
- Grade of C or better and instructor approval to go on to the advanced level

## Program Description

Automotive Service Technology is a two-year program designed to develop student knowledge and skills in basic automotive service and prepare students for the advanced study of automotive technology. Students will achieve proficiency in the basic knowledge and performance of automotive service assessed in accordance with NATEF standards (National Automotive Technician Education Federation). Basic units of study include automotive electricity and electrical systems, including electronics, brakes and braking systems, steering, suspension, and engine performance.

The advanced level of automotive service technology is designed to further develop students' knowledge and skills. Students' learning objectives for this program are to achieve proficiency in the advanced knowledge and performance of automotive service assessed in accordance with NATEF standards. Basic units of study include automotive electricity and electronics, brakes and braking systems, suspension, steering, and engine performance.

## Special Features

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*Students will analyze vehicles spanning several models and manufacturers and develop proficiency in automotive brake systems, electrical / electronic systems, and engine fundamentals.*

*Leadership and work-based learning opportunities available.*

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### STATEMENT OF COMPLIANCE

The Downriver Career Technical Consortium complies with all federal laws and regulations of the U.S. Department of Education. It is the policy of the Downriver Career Technical Consortium that no person on the basis of race, color, religion, national origin or ancestry, age, gender, marital status, disability or limited English proficiency shall be discriminated against or excluded from participation in any program or activity to which it is responsible or for which it receives financial assistance from the U.S. Department of Education. Furthermore, the consortium will encourage participation by all of the above.

Adopted by the Downriver Career Technical Consortium  
November 23, 1982