



The **Associate of Applied Science in Diesel and Heavy Equipment Technology** is a comprehensive ASE (Automotive Service Excellence) based training program that prepares students in all aspects of diesel and heavy equipment repair. Graduates of this program find career opportunities in trucking, heavy equipment, construction, industrial machinery, marine diesel, and materials handling. Additional and more advanced opportunities may be available as shop service representatives, service managers, foremen and construction equipment superintendents.

**Current Program Webpage**

[southseattle.edu/programs/diesel-and-heavy-equipment-technology](http://southseattle.edu/programs/diesel-and-heavy-equipment-technology)

**Program Contact**

Professional & Technical Department  
[SouthProfTech@seattlecolleges.edu](mailto:SouthProfTech@seattlecolleges.edu) | (206) 934-5394

**Future Students – Welcome Center**

[southwelcomecenter@seattlecolleges.edu](mailto:southwelcomecenter@seattlecolleges.edu) | (206) 934-7943

**Current Students – Advising**

[advisorsouth@seattlecolleges.edu](mailto:advisorsouth@seattlecolleges.edu) | (206) 934-5387

**SAMPLE SCHEDULE**

This schedule assumes a Fall Quarter start. If starting in a different quarter, please see your advisor for an updated educational plan.

**Quarter One (Fall)**

- MVM 100: Intro to Auto Technology I..... 3
- MVM 102: Intro to Auto Technology II..... 6
- AUT 100: Intro to Electricity ..... 6
- Computation course - MATH 110: Applied Math for Technicians ..... 3

**Quarter Two (Winter)**

- HDM 100: Preventative Maintenance and Inspection..... 8
- HDM 145: Gasoline Engines..... 8
- Composition course - ENGL 107: Applied Composition.....5

**Quarter Three (Spring)**

- HDM 120: Tires, Alignment, Steering, and Suspension..... 8
- HDM 125: Hydraulic and Air Brakes ..... 8
- Human Relations course: SOC 253 or SOC& 101  
(see advisor for additional options) .....5

**Quarter Four (Fall)**

- HDM 115: Advanced Electrical..... 8
- HDM 140: Heating, Ventilation, and Air Conditioning ..... 8
- HDM 171: Lift Truck Operator.....2

**Quarter Five (Winter)**

- HDM 130: Hydraulic and Pneumatics..... 8
- HDM 135: Drive Train..... 8
- Academic Transfer Elective: IC&S, NW or VLPA Course  
(see advisor for course selection) .....5

**Quarter Six (Spring)**

- HDM 150: Diesel Engine Diagnose Remove and Replace..... 8
- HDM 155: Diesel Engine Rebuild ..... 8

It is the student’s responsibility to ensure successful completion of all degree requirements. Please work closely with an advisor to create and maintain an educational plan.

**To Do List – A Guide to Help You Meet Your Goals**

*Before Quarter 1*

- Visit the [Steps to Enroll](#) page for everything you need to do.
- [Review the Academic Calendar for key enrollment dates.](#)
- If you need help with the Steps to Enroll, please contact the [Welcome Center](#).
- Research and apply for Grants and Scholarships. Visit the [Benefits Hub](#).

*Quarter 1*

- Get involved on campus. Check out some of the resources, clubs, and activities available to you through [Student Life](#) and [TRiO, RST](#), and more.
- Meet with an advisor to make an [educational plan](#).
- Explore careers and majors through workshops, [counseling](#), and [WorkSource career services](#).
- Explore student self-service tools available on [ctcLink](#).

*Quarter 2*

- Update your [educational plan](#).
- Prepare for ASE test.
- Create a resume with assistance from Embedded Career Specialist.
- Work with Embedded Career Specialist and arrange third quarter internship.

*Quarter 3*

- Update your [educational plan](#).
- Check the calendar for [Worksource](#) career workshops.
- Research and apply for Grants and Scholarships. See TRIO for assistance and use <https://www.automotivescholarships.com/Index.cfm> for automotive specific scholarships.
- Prepare for ASE test.

*Quarter 4*

- Update your resume.
- Update your [educational plan](#).
- Check the calendar for [Worksource](#) career workshops.
- Apply for [associate degree and graduation](#).

*Quarter 5*

- Set up an informational interview with someone in your desired field.
- Check the calendar for [Worksource](#) career workshops.
- Apply for [graduation](#).

*Quarter 6*

- Apply for jobs.
- Prepare for ASE test.
- Check the calendar for [Worksource](#) career workshops.
- Order cap and gown for commencement and attend commencement ceremony.