



## 2-Year Program Map for Diesel Technologies AAS Degree

### Area of Study: Advanced Manufacturing and Mechanical

Program maps are suggested academic plans and should not be used in the place of regular academic advising. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s) may change your map/plan.

Diesel Technology involves the diagnoses, modification, and repair of diesel engines for a range of transportation industries. Clark’s Diesel program prepares students for entry-level positions in the diesel technician trade and has kept with industry changes through new and improved training in basic electronics and electrical systems. Students learn to work on brake systems, drive trains, electric and electronic circuits, hydraulic systems, and diesel engines, all of which are valuable skills for a successful career. Enrollment in the full-time Diesel curriculum is limited each quarter, so interested students are encouraged to apply as soon as possible.

> Free [Tutoring Services](#) are available to support you throughout your degree completion.

### Year One

#### Summer Term

- COLL 101 College Essentials: Introduction to Clark.....2
- PTCS 110 Professional Technical Computational Skills^ .....5
- PTWR 135 Intro to Applied Technical Writing.....5

#### Fall Term

- DIES 111 Diesel Fundamentals .....5
- DIES 112 Diesel Procedures .....10
- DIES 120 Basic Electrical.....3

#### Winter Term

- DIES 113 Diesel Engines/Fuel Systems .....5
- DIES 114 Diesel Procedures .....10
- DIES 121 Electronic Engine Management Systems .....3

#### Spring Term

- DIES 115 Drive Trains .....5
- DIES 116 Diesel Procedures .....10
- DIES 122 Electronic Vehicle Control Systems .....3

### Year Two

#### Summer Term

- CMST&210 Interpersonal Communications or CMST&230 Small Group Communications .....5
- ART 145 or ART 131^ .....5
- HPE 220 Occupational Wellness, HPE 258 Fitness-Wellness, or HPE 266 Mind Body Health^ .....3

#### Fall Term

- DIES 221 Electrical/Electronic Systems .....5
- DIES 222 Diesel Procedures .....6
- ECON 101 Intro to Economics.....3

#### Winter Term

- DIES 223 Hydraulic Systems .....5
- DIES 224 Diesel Procedures .....10
- PHSC 106 Our Chemical World .....3

#### Spring Term

- DIES 225 Brakes, Steering, and Suspension .....5
- DIES 226 Diesel Procedures .....10

**123 units required, 126 units listed. View the [Clark College Catalog](#) for additional program information**

**Key** ^ Alternative classes are available to fit your schedule or interest. & Common Course in the State of Washington

### Approximate Costs Each Term

Tuition \$1,490\* for 15 credits per term plus books, supplies, and miscellaneous fees. \*Tuition based on Washington resident rates. View [residency classifications](#) on our website.

### Customize with Advising

Make an appointment online with Advising Services to learn more about customizing your academic plan at [clark.edu/advising](http://clark.edu/advising).

### How to Enroll

Visit Clark College’s Welcome Center in Gaiser Hall room 127 or the [Get Started webpage](#) for information on becoming a new student. Email [start@clark.edu](mailto:start@clark.edu) or call 360-992-2078.

[Apply for Admission](#)

## Support Services

At Clark College, we know that everyone who walks through our doors is a unique person with diverse, interesting and sometimes challenging circumstances. We are committed to ensuring each and every student can succeed at Clark, and are committed to serving systemically non-dominant communities, including (but not limited to) people of color, those who identify as LGBTQIA2S+ and people with disabilities. We have resource centers, clubs, programs and activities for all students.

Visit our [Student Support](#) page for more information.

## Funding Options at Clark

There are many resources available to help students cover the costs to attend college—tuition, books, fees, tools, transportation, childcare, etc.—so you can focus on completing your degree or certificate.

**Grants** Based on need. You do not need to pay back grants.

**Scholarships** Similar to grants, and there are different criteria; Clark College awards hundreds of thousands of dollars to students each year. We encourage everyone to apply!

**Student Employment & Work Study** Money you earn through working part-time; this helps to reduce your reliance on loans, and build your skills and resume.

**Loans** If you do need to borrow additional funds to pay for college-related expenses, you can consider loans. It is money you borrow and will pay back with interest.

**Specific Assistance** For Veterans, worker retraining, DREAMers, students receiving DSHS benefits, and more.

For more information, visit our [paying for college website](#) or visit the **Office of Financial Aid in Gaiser Hall room 101**.

## Career Opportunities

Career exploration and planning is an essential step to establishing your academic journey at Clark College and beyond. Career Services connects you with resources and strategies for career planning in six areas: knowing self; career awareness; relationship building and networking; work-based learning; job-search skills; and career readiness competencies. You are encouraged to participate in *MyPlan*, a comprehensive and interactive guide with activities to support your career, academic, and financial wellness planning. Visit [Career Services](#) in the **Penguin Union Building room 002**.

Students who complete the **Diesel Technologies Associate in Applied Science** degree could be employed as:  
*Some careers may require a bachelor's degree or higher*

**Service Technician**  
**Fleet Mechanic**

**Transit Mechanic**  
**Diesel Mechanic**

Career exploration information created by Clark Faculty and Staff.



*Clark College does not discriminate on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal in its programs and activities, in accordance with state and federal laws. The responsibility for and the protection of this commitment extends to students, faculty, administration, staff, contractors and those who develop or participate in college programs. It encompasses every aspect of employment and every student and community activity. The following person has been designated to handle inquiries regarding non-discrimination policies: Vice President of Diversity, Equity, and Inclusion, Gaiser Hall (GHL) 220, 360-992-2757, or 360-991-0901 (video phone).*

*Alternate format of this document is available upon request. Please contact Disability Support Services at 360-992-2314, or 360-991-0901 (video phone).*

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