



## Associate of Applied Science in Diesel Technology

### 2026-2027 Catalog

- Total Credit Hours Required: 60 credits
- Program Length: 2 years
- Delivery Format: Face to Face
- Credentials Awarded: Associate of Applied Science
- ADHE Degree Code: 3005

#### Fall Term 1- Even Years

| Course ID  | Course Name                    | Credit Hours | Notes |
|------------|--------------------------------|--------------|-------|
| DIEL 10054 | Basic Diesel Shop              | 4            |       |
| DIEL 20004 | Suspension and Steering        | 4            |       |
| DIEL 22104 | Troubleshooting and Inspection | 4            |       |
|            | <b>Term Total</b>              | <b>12</b>    |       |

#### Spring Term 1- Odd Years

| Course ID  | Course Name               | Credit Hours | Notes |
|------------|---------------------------|--------------|-------|
| DIEL 20204 | Brakes and Hydraulics     | 4            |       |
| DIEL 21034 | Clutches and Power Trains | 4            |       |
| DIEL 22034 | Air Conditioning          | 4            |       |
|            | <b>Term Total</b>         | <b>12</b>    |       |

#### Summer Term

| Course ID  | Course Name       | Credit Hours | Notes |
|------------|-------------------|--------------|-------|
| ENGL 10103 | Composition I     | 3            |       |
|            | <b>Term Total</b> | <b>3</b>     |       |

#### Fall Term 2- Odd Years

| Course ID  | Course Name       | Credit Hours | Notes |
|------------|-------------------|--------------|-------|
| DIEL 11035 | Engine Systems    | 5            |       |
| DIEL 12034 | Diesel Engines    | 4            |       |
| DIEL 10054 | Basic Diesel Shop | 4            |       |
|            | <b>Term Total</b> | <b>13</b>    |       |

#### Spring Term 2- Even Years

| Course ID  | Course Name        | Credit Hours | Notes |
|------------|--------------------|--------------|-------|
| DIEL 13044 | Fuel Systems       | 4            |       |
| DIEL 14034 | Electrical Systems | 4            |       |
| DIEL 14104 | Diesel Electronics | 4            |       |

Curriculum Approved: March 2021

Updated: 6/1/2026

| Course ID | Course Name       | Credit Hours | Notes |
|-----------|-------------------|--------------|-------|
|           | <b>Term Total</b> | <b>12</b>    |       |

### Fall Term 3

| Course ID                | Course Name                                 | Credit Hours | Notes |
|--------------------------|---------------------------------------------|--------------|-------|
| ENGL 10203<br>ENGL 20203 | Composition II or<br>Technical Writing      | 3            |       |
| MATH 11003<br>MATH 11103 | College Algebra or<br>Quantitative Literacy | 3            |       |
| PLSC 20003               | American Government                         | 3            |       |
| HIST 21103<br>HIST 21203 | U.S. History I <b>or</b><br>U.S. History II | 3            |       |
|                          | <b>Term Total</b>                           | <b>12</b>    |       |

### Program Requirements

- No Certificate of Proficiency degree is eligible for Federal Financial Aid. Federal Financial Aid pays for courses for students pursuing Technical Certificates and/or higher degree.

### Stackable Credentials

#### Chassis Systems, Certificate of Proficiency

ADHE Degree Code: 0463

| Course ID  | Course Name                                              | Credit Hours | Notes |
|------------|----------------------------------------------------------|--------------|-------|
| DIEL 10054 | Basic Diesel Shop                                        | 4            |       |
| DIEL 20004 | Suspension and Steering                                  | 4            |       |
| DIEL 22104 | Troubleshooting and Inspection                           | 4            |       |
|            | <b>Total Credit Hours for Certificate of Proficiency</b> | <b>12</b>    |       |

#### Brakes/Power Train Systems, Certificate of Proficiency

ADHE Degree Code: 0461

| Course ID  | Course Name                                              | Credit Hours | Notes |
|------------|----------------------------------------------------------|--------------|-------|
| DIEL 20204 | Brakes and Hydraulics                                    | 4            |       |
| DIEL 21034 | Clutches and Power Trains                                | 4            |       |
| DIEL 22034 | Air Conditioning                                         | 4            |       |
|            | <b>Total Credit Hours for Certificate of Proficiency</b> | <b>12</b>    |       |

#### Engine Systems, Certificate of Proficiency

ADHE Degree Code: 0464

| Course ID  | Course Name                                              | Credit Hours | Notes |
|------------|----------------------------------------------------------|--------------|-------|
| DIEL 11035 | Engine Systems                                           | 5            |       |
| DIEL 12034 | Diesel Engines                                           | 4            |       |
| DIEL 10054 | Basic Diesel Shop                                        | 4            |       |
|            | <b>Total Credit Hours for Certificate of Proficiency</b> | <b>13</b>    |       |

## Electrical Systems, Certificate of Proficiency

ADHE Degree Code: 0462

| Course ID  | Course Name                                              | Credit Hours | Notes |
|------------|----------------------------------------------------------|--------------|-------|
| DIEL 13044 | Fuel Systems                                             | 4            |       |
| DIEL 14034 | Electrical Systems                                       | 4            |       |
| DIEL 14104 | Diesel Electronics                                       | 4            |       |
|            | <b>Total Credit Hours for Certificate of Proficiency</b> | <b>12</b>    |       |

## Basic Diesel Technology, Technical Certificate

ADHE Degree Code: 4467

Choose any 2 of the following Certificate of Proficiency's: CP Chassis Systems, CP Brakes/Power Train Systems, CP Engine Systems, CP Electrical Systems

| Course ID  | Course Name                                         | Credit Hours | Notes         |
|------------|-----------------------------------------------------|--------------|---------------|
| DIEL 10054 | Basic Diesel Shop                                   | 4            | CP Chassis    |
| DIEL 20004 | Suspension and Steering                             | 4            |               |
| DIEL 22104 | Troubleshooting and Inspection <b>and/or</b>        | 4            |               |
| DIEL 20204 | Brakes and Hydraulics                               | 4            | CP Brakes/PT  |
| DIEL 21034 | Clutches and Power Trains                           | 4            |               |
| DIEL 22034 | Air Conditioning <b>and/or</b>                      | 4            |               |
| DIEL 11035 | Engine Systems                                      | 5            | CP Engine     |
| DIEL 12034 | Diesel Engines                                      | 4            |               |
| DIEL 10054 | Basic Diesel Shop <b>and/or</b>                     | 4            |               |
| DIEL 13044 | Fuel Systems                                        | 4            | CP Electrical |
| DIEL 14034 | Electrical Systems                                  | 4            |               |
| DIEL 14104 | Diesel Electronics                                  | 4            |               |
|            | <b>Total Credit Hours for Technical Certificate</b> | <b>21-24</b> |               |

## Advanced Diesel Technology, Technical Certificate

ADHE Degree Code: 4468

Complete all 4 of the following Certificate of Proficiency's: CP Chassis Systems, CP Brakes/Power Train Systems, CP Engine Systems, CP Electrical Systems

| Course ID  | Course Name                                         | Credit Hours | Notes         |
|------------|-----------------------------------------------------|--------------|---------------|
| DIEL 10054 | Basic Diesel Shop                                   | 4            | CP Chassis    |
| DIEL 20004 | Suspension and Steering                             | 4            |               |
| DIEL 22104 | Troubleshooting and Inspection <b>and</b>           | 4            |               |
| DIEL 20204 | Brakes and Hydraulics                               | 4            | CP Brakes/PT  |
| DIEL 21034 | Clutches and Power Trains                           | 4            |               |
| DIEL 22034 | Air Conditioning <b>and</b>                         | 4            |               |
| DIEL 11035 | Engine Systems                                      | 5            | CP Engine     |
| DIEL 12034 | Diesel Engines                                      | 4            |               |
| DIEL 10054 | Basic Diesel Shop <b>and</b>                        | 4            |               |
| DIEL 13044 | Fuel Systems                                        | 4            | CP Electrical |
| DIEL 14034 | Electrical Systems                                  | 4            |               |
| DIEL 14104 | Diesel Electronics                                  | 4            |               |
|            | <b>Total Credit Hours for Technical Certificate</b> | <b>45</b>    |               |

Curriculum Approved: March 2021

Updated: 6/1/2026

## Diesel Technology, Associate of Applied Science

ADHE Degree Code: 3005

Complete the Advanced Diesel Technology Technical Certificate plus the following 15 credit hours in General Education courses.

| Course ID                | Course Name                                             | Credit Hours | Notes |
|--------------------------|---------------------------------------------------------|--------------|-------|
| ENGL 10103               | Composition I                                           | 3            |       |
| ENGL 10203<br>ENGL 20203 | Composition II <b>or</b><br>Technical Writing           | 3            |       |
| MATH 11003<br>MATH 11103 | College Algebra <b>or</b><br>Quantitative Literacy      | 3            |       |
| PLSC 20003               | American Government                                     | 3            |       |
| HIST 21103<br>HIST 21203 | U.S. History I <b>or</b><br>U.S. History II             | 3            |       |
|                          | <b>Total Credit Hours for Associate Applied Science</b> | <b>60</b>    |       |

## Arkansas Course Transfer System (ACTS)

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Courses not having an ACTS number may also transfer. Please consult the receiving institution for complete transfer information. To review the Arkansas Course Transfer System, visit <https://adhe.edu/students-parents/transfer-info-for-students>.