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Prior to the Cluster Review

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Recommendations Following Cluster Review

DESIGN, PRODUCTION AND REPAIR | TRANSPORTATION CAREER CLUSTER DESIGN



#### Vehicle ~~Mobile Equipment~~ Maintenance & Repair Pathway

###### CIP CODE ~~47.9999~~ 47.0600

INTRODUCTORY LEVEL

|  |  |  |
| --- | --- | --- |
| Title | Code | Credit |
| Business Essentials | 12050 | 0.5 |
| Introduction to Skilled Trades | 38001 | 0.5 |
| **Basic** Automotive **Care &** Information | 40050 | 0.5 |
| ~~Introduction to Transportation~~ | ~~40100~~ | ~~0.5~~ |

TECHNICAL LEVEL

|  |  |  |
| --- | --- | --- |
| Title | Code | Credit |
| General Service I | 40150 | 1 |
| Electronics and Electrical Systems I | 40200 | 1 |
| Brakes I | 40204 | 0.5 |
| Drive Train Technology | 40208 | 0.5 |
| Diesel **& Heavy Equipment** ~~Engine~~ Technology | 40218 | ~~0.5~~ 1 |
| Engine Performance I | 40220 | 0.5 |
| Steering and Suspension I | 40224 | 0.5 |
| Mobile HVAC | 40228 | 0.5 |
| Auto Collision I | 40300 | 1 |
| Auto Refinishing | 40310 | 1 |

OPTIONAL SUPPORT COURSES

|  |  |  |
| --- | --- | --- |
| Title | Code | Credit |
| Entrepreneurship | 12053 | 0.5 |
| Alternative Power | 40210 | 0.5 |
| Small Engine and Powertrains I | 40212 | 0.5 |
| Engine Mechanical Repair | 40216 | 0.5 |

 Must choose ONE of these introductory courses for pathway approval.

* ~~Will NOT COUNT as one of the three required secondary level credits for pathway approval but is funded.~~
* Optional Support Courses are available after having enough credits for pathway approval.

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DESIGN, PRODUCTION AND REPAIR | TRANSPORTATION CAREER CLUSTER DESIGN



***Vehicle*** *~~Mobile Equipment~~ Maintenance* ***& Repair*** *Pathway ~~47.9999~~ 47.0600*

APPLICATION LEVEL

|  |  |  |
| --- | --- | --- |
| Title | Code | Credit |
| General Service II | 40152 | 1 |
| General Service III | 40154 | 1 |
| Electronics and Electrical Systems II | 40202 | 1 |
| Brakes II | 40206 | 0.5 |
| Engine Performance II | 40222 | 1 |
| Steering and Suspension II | 40226 | 0.5 |
| **Diesel & Heavy Equipment ~~Engine~~ Technology II** | **40238** | **1** |
| **Diesel & Heavy Equipment ~~Engine~~ Technology III** | **40239** | **1** |
| **CDL – Entry Level Driver Prep** | **40240** | **0.5** |
| Auto Collision II | 40302 | 1 |
| Auto Refinishing II | 40312 | 1 |
| Work Experience in Transportation | 40250 | 0.5 |
| Work Experience in Transportation - Comprehensive | 40251 | 1 |

OPTIONAL SUPPORT COURSE

|  |  |  |
| --- | --- | --- |
| Title | Code | Credit |
| Small Engines and Powertrains II | 40214 | 0.5 |

 Has a specific prerequisite course – see competency profile for details.

* Must choose one of these for Pathway Approval and must take ONE credit of technical level course and application-level course combined.

Optional Support Courses are available after having enough credits for pathway approval

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**Pathway Recommendations Summary****:**

[CTE Course Competencies and Indicators (ksde.org)](https://www.ksde.org/Agency/Division-of-Learning-Services/Career-Standards-and-Assessment-Services/CSAS-Home/Career-Technical-Education-CTE/CTE-Course-Competencies-and-Indicators)

**No Recommend Changes**

* Courses not reviewed by this committee.
  + 12050 Business Essentials
  + 12053 Entrepreneurship
  + 38001 Introduction to Skilled Trades
* Courses Reviewed with no changes.
  + 40150 General Service I
  + 40200 Electronics and Electrical Systems
  + 40202 Electronics and Electrical Systems II
  + 40152 General Service II
  + 40154 General Service III
  + 40210 Alternative Power
  + 40224 Steering & Suspension I
  + 40226 Steering & Suspension II
  + 40250 Work Experience in Transportation
  + 40251 Work Experience in Transportation – Comprehensive
  + 40300 Auto Collision I
  + 40302 Auto Collision II
  + 40312 Auto Refinishing II

**Courses Reviewed with Recommended Changes**

* Courses being removed from the pathway.
  + 40100 Introduction to Transportation
* Courses with updated competencies and benchmarks
  + 40050 **Basic** Automotive **Care &** Information
  + 40204 Brakes I
  + 40206 Brake II
  + 40208 Drive Train Technology
  + 40212 Small Engine & Powertrains I
  + 40214 Small Engine & Powertrains II
  + 40216 Engine Mechanical Repair
  + 40218 **Diesel** ~~Engine~~ & **Heavy Equipment** Technology
  + 40220 Engine Performance I
  + 40222 Engine Performance II
  + 40228 Mobile HVAC
  + 40310 Auto Refinishing I

**New Course Recommendations**

* Courses Recommended to be Added.
  + 40238 **Diesel** ~~Engine~~ & **Heavy Equipment** Technology II
  + 40239 **Diesel** ~~Engine~~ & **Heavy Equipment** Technology III
  + 40240 CDL – Entry Level Driver Training