

Prior to the Cluster Review







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.



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



**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