Appendix A

WORK PROCESS SCHEDULE

AND

RELATED INSTRUCTION OUTLINE



Appendix A

WORK PROCESS SCHEDULE AUTOMOTIVE TECHNICIAN

(Existing Title: Automotive Technician Specialist) O*NET-SOC CODE: 49-3023.00 RAPIDS CODE: 1034CB

This schedule is attached to and a part of these Standards for the above identified occupation. On the Job Learning Description:

| On the | e job bearning bescription. | | | | |
|--------|---|------------------------------------|---|--------------------------------|---------------------|
| 1. | APPRENTICESHIP APP | ROACH | | | |
| | ☐ Time-based | \boxtimes | Competency-based | | Hybrid |
| 2. | TERM OF APPRENTICE | SHIP | | | |
| | position, which would be r supplemented by 175 hou | easonab rs of rela ing achie | defined by the attainment of the defined by the attainment of the attainment of the attainment of the attainment of the attainments or demonstration of the attainment of the | 2 to 3 years of pprenticeship. | OJL, The sponsor |
| 3. | RATIO OF APPRENTIC | ES TO JO | OURNEYWORKERS | | |
| | The apprentice to journey | worker r | atio is: 1 Apprentice to 1 Jou | urneyworker. | |
| 4. | APPRENTICE WAGE SC | HEDUL | Е | | |
| | | | | | |

Apprentices shall be paid a progressively increasing schedule of wages. Apprentices' starting wage should be a minimum of \$15.87 per hour. The journeyworker wage is \$17.83 per hour, which is to be paid to the apprentice after completion of the apprenticeship. The starting wage and journeyworker wage may be adjusted to accommodate each employer and shall be uploaded into the Rapids database. This wage scale is specifically for Denver, CO, and may vary based on minimum wage laws in different geographic locations, which will be indicated on Appendix D.

Term 2022:

1st Period Starting Wage (0-18 months) \$15.87/hr.
2nd Period On level (18-36 months) \$16.83/hr.
Completion Full Competency \$17.83/hr.

5. PROBATIONARY PERIOD

Every applicant selected for apprenticeship will serve a probationary period of 500 hours or one year, whichever is shorter.



6. SELECTION PROCEDURES

Please see page A-21



WORK PROCESS SCHEDULE AUTOMOTIVE TECHNICIAN

(Existing Title: Automotive Technician Specialist) O*NET-SOC CODE: 49-3023.00 RAPIDS CODE: 1034CB

Description: Automotive Technicians diagnose the causes of a wide variety of problems with vehicles and perform necessary repairs. Automotive Technicians have a deep knowledge of the various systems within a car or truck and can reference manuals and technical drawings in order to perform repairs. Automotive Technicians are responsible for safely and efficiently operating tools, keeping tools in proper working order, and efficiently producing repairs that meet quality standards.

On-The-Job Training: Apprentices will receive training in the various work experiences listed below. The order in which this training is given will be determined by the flow of work on the job and will not necessarily be in the order listed.

Ratings are:

- (4) Exceeds Expectations (Advanced)
- (3) Meets Expectations (Proficient)
- (2) Meets Some Expectations (Emerging)
- (1) Does Not Yet Meet Expectations (Novice)
- (0) Not applicable (No Skill)
- 4. Exceeds Expectations (Advanced): Consistently exceeds performance standard established for the time in position. Achieves results above and beyond what is required. Extends themselves in their roles to exceed personally and as a team to achieve exceptional results.
- 3. Meets Expectations (Proficient): Employee meets all expectations in a fully satisfactory way and is proficient in the outlined competencies.
- 2. Meets Some Expectations (Emerging): Meets the performance standards established for time in position. Handles routine tasks & some unexpected situations with the usual amount of supervision. Can continue to develop with coaching, training or more experience to gain proficiency.
- 1. Does Not Yet Meet Expectations (Novice): Occasionally meets some of the objectives related to this goal but does not meet others in a fully satisfactory way. This performance level generally indicates the need for additional coaching, training, or other plan for performance improvements.
- 0. Not Applicable (No Skill): Training in this competency has not yet begun.

Apprentices need to receive a "3" or better in each competency in order to complete the apprenticeship.



Apprentice Competency Evaluation

| Core Competencies | Required for this | Rating | Supervisor Sign-off | Date |
|---|----------------------|--------|------------------------|------|
| | company (Yes/No) | | | |
| Preventive Maintenance Inspection | | | | |
| Performs preventive maintenance inspection | | | | |
| tasks based on shop standards, the vehicle, | | | | |
| and the vehicle's usage. | | | | |
| With a high level of support from | | | | |
| supervisor, performs required | | | | |
| preventative maintenance inspection tasks (especially as state or federally | | | | |
| regulated) in the appropriate order. | | | | |
| regulated) in the appropriate order. | | | | |
| Explains some basic theories relevant | | | | |
| to preventive maintenance in specific | | | | |
| models. | | | | |
| | | | | |
| Independently performs less complex required preventative maintenance | | | | |
| inspection tasks (especially as state | | | | |
| or federally regulated) in the | | | | |
| appropriate order. | | | | |
| appropriate or act. | | | | |
| With support of supervisor, performs | | | | |
| more complex required preventative | | | | |
| maintenance inspection tasks | | | | |
| (especially as state or federally | | | | |
| regulated) in the appropriate order. | | | | |
| With support from supervisor, | | | | |
| accurately documents data from | | | | |
| preventive maintenance inspection, | | | | |
| including defects. | | | | |
| | | | | |
| Independently performs required | | | | |
| preventative maintenance inspection | | | | |
| tasks (especially as state or federally regulated) in the appropriate order. | | | | |
| regulated) in the appropriate order. | | | | |
| Accurately documents data from | | | | |
| preventive maintenance inspection, | | | | |
| including defects. | | | | |
| | | | | |
| Preventive Maintenance Defect Corrections | | | | |
| Uses information from a preventive | | | | |
| 2303 injuritivitori ji om a preventitive | | l . | | |



| | T | | 1 |
|--|-----|--|---|
| maintenance inspection to recognize and | | | |
| address defects and perform repairs. | | | |
| With support of supervisor, | | | |
| recognizes defects during the | | | |
| preventive maintenance inspection. | | | |
| • | | | |
| With support of supervisor, | | | |
| addresses basic defects. | | | |
| With minimal support of supervisor, | | | |
| addresses basic defects. | | | |
| addresses basic defects. | | | |
| TATUL | | | |
| With support of supervisor, | | | |
| addresses more complex defects. | | | |
| • After newforming the proventive | | | |
| After performing the preventive maintenance in an action. | | | |
| maintenance inspection, | | | |
| independently addresses routine | | | |
| defects in an efficient way. | | | |
| | | | |
| Recognizes when a repair is not | | | |
| routine and engages supervisor for | | | |
| support in correcting it. | | | |
| D | | | |
| Diagnosis | | | |
| Appropriately verifies and diagnoses causes of | | | |
| varied issues. | | | |
| With support of supervisor, uses | | | |
| investigation tools (ex. a trouble tree) | | | |
| to verify the customer/driver | | | |
| concern and create a repair | | | |
| progression. | | | |
| | | | |
| Identifies where to find the | | | |
| investigation tool for a given task. | | | |
| | | | |
| With support from supervisor, | | | |
| navigates to the correct investigation | | | |
| tool. | | | |
| | | | |
| With minimal support of supervisor, | | | |
| uses investigation tools (ex. a | | | |
| relevant software program to look up | | | |
| code) to create a repair progression. | | | |
| code, to create a repair progression. | | | |
| Articulates basic theory about the | | | |
| | | | |
| system causing the concern and how | | | |
| that theory connects to the repair | | | |
| progression. | | | |
| | i l | | i |



| Independently uses more advanced | | |
|--|--|--|
| investigation tools to create a repair | | |
| progression. | | |
| 1 0 111 | | |
| • Auticulated more domplay the any | | |
| Articulates more complex theory | | |
| about the system causing the concern | | |
| and how that theory connects to the | | |
| repair progression. | | |
| 1 of m. 1 of m. 1 | | |
| Diagnostic Repairs | | |
| Finds information on how to perform a | | |
| corrective repair and performs corrective | | |
| | | |
| repairs based on diagnosis. | | |
| Assists supervisor in addressing | | |
| corrective repairs, including finding | | |
| information on how to perform the | | |
| repair. | | |
| _ | | |
| Addresses corrective repairs with the | | |
| support of supervisor. | | |
| A 11 | | |
| Addresses corrective repairs with | | |
| minimal support from supervisor. | | |
| | | |
| Tool Choice, Maintenance, and Care | | |
| Appropriately uses tools for essential job | | |
| functions and takes necessary steps to | | |
| maintain and care for tools. | | |
| With support of supervisor, uses | | |
| information from inspection of | | |
| | | |
| individual components to choose the | | |
| right tool for a common task. | | |
| | | |
| With support of supervisor, develops | | |
| a basic organizational system for | | |
| their tools. | | |
| | | |
| With guidance from colleagues, | | |
| | | |
| cleans tools after use. | | |
| | | |
| With support from colleagues, makes | | |
| basic repairs to tools, or replaces | | |
| tools when necessary. | | |
| | | |
| • Uses information from increation of | | |
| Uses information from inspection of | | |
| individual components to | | |
| independently choose efficient tools | | |
| for routine jobs. | | |
| | | |



| With support of supervisor, uses | | |
|---|--|--|
| information from inspection of | | |
| individual components to choose | | |
| efficient tools for more complicated | | |
| jobs. | | |
| , | | |
| Uses information from inspection of individual components to | | |
| independently choose the right tool | | |
| to be efficient for a variety of tasks. | | |
| | | |
| Stores tools in a neat and organized | | |
| way that increases efficiency and | | |
| prevents the loss of tools. | | |
| Consistently cleans tools after use. | | |
| - Gonoistenti y cicans tools area asei | | |
| When necessary, repairs or replaces | | |
| tools. | | |
| | | |
| Creates a basic financial plan for buying the necessary tools to be a | | |
| professional technician. | | |
| professional technician. | | |
| Safety | | |
| Understands and upholds safe workplace | | |
| practices in an automotive shop environment. | | |
| Completes basic safety training. | | |
| Understands the importance of | | |
| following safety procedures. | | |
| | | |
| Takes precautions to limit risk to self | | |
| and others. | | |
| Consistently follows all safety | | |
| Consistently follows all safety guidelines. | | |
| guiucinies. | | |
| Identifies and uses correct tools to | | |
| perform tasks safely. | | |
| | | |
| Consistently maintains a clean workers and againment | | |
| workspace and equipment. | | |
| Follows safety best practices in all | | |
| conditions and for jobs. | | |
| · | | |
| Documentation Appropriately documents work performed | | |
| Appropriately documents work performed | | |



| MIESU | |
|--|--|
| based on the complexity of the job. Articulates the importance of documentation as related to safety and liability. | |
| Puts documentation in the shop's preferred format. | |
| If applicable: With a high level of support from supervisor, properly documents customer/driver concern about the vehicle. | |
| With support of supervisor, properly documents vehicle information, defect, and correction. | |
| With support of supervisor, creates basic time documentation for work performed. | |
| With support of supervisor, creates documentation of parts and supplies used. | |
| Documentation is clear and error- free and uses standard industry terminology to be understood by others. | |
| If applicable: With support from supervisor, properly documents customer/driver concern about the vehicle. | |
| With minimal support of supervisor, properly documents defect and correction. | |
| With minimal support of supervisor, creates time documentation for work performed. | |
| With minimal support of supervisor, creates documentation of parts and supplies used. | |



| If applicable: Properly documents customer/driver concern about the vehicle. | | |
|---|--|------|
| Properly documents defect and correction, including information from after-repair test drive. | | |
| Creates time documentation for work performed. | | |
| Creates documentation of parts and supplies used. | | |
| Engine Repair | | |
| Applies theory to diagnose and perform | | |
| repairs on components of the engine, including | | |
| mechanical repair and diagnosis, fuel, ignition, | | |
| and engine management system repair and | | |
| diagnosis. | | |
| Articulates basic theory about | | |
| engines and what makes them work. | | |
| | | |
| Identifies basic engine components | | |
| and articulates the purpose of each | | |
| component. | | |
| component | | |
| Connects basic theory about engines | | |
| to individual components to | | |
| articulate how they work. | | |
| , | | |
| Connects individual engine | | |
| components to common engine | | |
| failures. | | |
| | | |
| Diagnoses engine failures with | | |
| supervision. | | |
| _ | | |
| Repairs and replaces individual | | |
| engine components with supervision. | | |
| Transmission/Transaxle Repair | | |
| Applies theory to diagnose and perform | | |
| repairs on the mechanical and hydraulic | | |
| systems as applicable. Performs | | |
| transmission/transaxle repairs both in and off | | |
| vehicle. | | |



| • | Articulates basic theory about the transmission/transaxle and what makes them work. | | |
|---------|--|--|--|
| • | Identifies basic transmission/transaxle components and articulates the purpose of each component. | | |
| • | Connects basic theory about transmission/transaxle to individual components to articulate how they work. | | |
| • | Connects individual transmission/transaxle components to common transmission/transaxle failures. | | |
| • | Diagnoses transmission/transaxle failures with supervision. | | |
| • | Repairs and replaces individual transmission/transaxle components with supervision. | | |
| Susper | nsion and Steering Repair | | |
| Applies | theory to diagnose and perform | | |
| repairs | on suspension and steering. Identifies | | |
| various | s types of suspension. | | |
| • | Articulates basic theory about | | |
| | suspension and steering and what makes them work. | | |
| • | Identifies basic suspension and | | |
| | steering components and articulates | | |
| | the purpose of each component. | | |
| • | Connects basic theory about | | |
| | suspension and steering to individual | | |
| | components to articulate how they work. | | |
| • | Connects individual suspension and | | |
| | steering components to common suspension and steering failures. | | |
| • | Diagnoses suspension and steering failures with minimal supervision. | | |



| If applicable: Diagnoses airbag | |
|--|--|
| suspension failures with supervision. | |
| Suspension turn of the supervision | |
| Repairs and replaces individual | |
| suspension and steering components | |
| with minimal supervision. | |
| Tires | |
| Diagnoses and performs repairs and | |
| replacements on tire and wheel failures/maintenance. | |
| Assists supervisor in diagnosing tire | |
| failures. | |
| Tanta coi | |
| Assists supervisor in repairing and | |
| replacing tire failures/maintenance. | |
| | |
| Assists supervisor in mounting and | |
| balancing tires and repairing flats. | |
| | |
| Diagnoses tire failures with | |
| supervision. | |
| Repairs and replaces tire | |
| failures/maintenance with | |
| supervision. | |
| | |
| Mount and balance tires and repair | |
| flats with supervision. | |
| 751 11 611 111 11 1 | |
| Diagnoses tire failures with minimal | |
| supervision. | |
| Repairs and replaces tire | |
| failures/maintenance with minimal | |
| supervision. | |
| · | |
| Mount and balance tires and repair | |
| flats with minimal supervision. | |
| The Court of the c | |
| Identifies the age of the tire to make appropriate renain on replacement. | |
| appropriate repair or replacement recommendations. | |
| Brake Repair | |
| Applies theory to diagnose and perform | |
| repairs on hydraulic and air brake systems. | |



| Articulates basic theory about hydraulic and (if applicable) air brakes and what makes them work. | | |
|---|--|--|
| Identifies basic hydraulic and (if applicable) air brakes components and articulates the purpose of each component. | | |
| Connects basic theory about hydraulic and (if applicable) air brakes to individual components to articulate how they work. | | |
| Connects individual hydraulic and (if applicable) air brakes components to common brake failures. | | |
| Diagnoses hydraulic and (if applicable) air brake failures with minimal supervision. | | |
| Repairs and replaces individual hydraulic and (if applicable) air brake components with minimal supervision. | | |
| Electric and Electronic Systems Repair Applies theory to diagnose and perform repairs on electrical and electronic systems, including on the battery, lighting, and body systems. | | |
| Articulates basic theory about electric and electronic systems and what makes them work. | | |
| Identifies basic electric and electronic system components and articulates the purpose of each component. | | |
| Connects basic theory about electric and electronic systems to individual components to articulate how they work. | | |
| With supervision, identifies which component is causing a common failure. | | |



| Connects more complex theory to individual components to articulate how they work. | | |
|--|--|--|
| Diagnoses electric and electronic system failures with minimal supervision. | | |
| Repairs and replaces individual electric and electronic system components with minimal supervision. | | |
| Heating and Air Conditioning Repair | | |
| Applies theory to diagnose and perform | | |
| repairs on heating and air conditioning | | |
| systems, including HVAC, refrigeration, and operating systems. | | |
| Articulates basic theory about | | |
| heating and air conditioning systems | | |
| and what makes them work. | | |
| Identifies basic heating and air conditioning system components and articulates the purpose of each component. | | |
| Connects basic theory about heating and air conditioning systems to individual components to articulate how they work. | | |
| Connects individual heating and air conditioning system components to common heating and air conditioning failures. | | |
| Diagnoses heating and air condition failures with supervision. | | |
| Repairs and replaces individual heating and air conditioning components with supervision. | | |

In addition to completing all core competencies, an apprentice based on the employer's assigned role will complete the following additional competencies.



| Optional Competencies | Required for this company (Yes/No) | Rating | Supervisor Sign-off | Date |
|--|---|--------|------------------------|------|
| Welding Uses basic understanding of a MIG welding machine to set up the machine and do basic welds. Identifies the individual components of a MIG (metal inert gas) welding machine. Articulates what individual components of a MIG welder are used for. Demonstrates understanding of the basic set up of a MIG welding machine with supervision. Sets up a MIG welding machine with supervision. Uses a MIG welder to do basic welds with supervision. | | | | |

Apprenticeship Competencies - Career Readiness

In addition to mastering all the essential technical competencies outlined in the work processes, an apprentice must consistently demonstrate growth and proficiency in the following career readiness competencies to complete the apprenticeship.

Apprentices will be evaluated in these competencies semi-annually, and the supervisor will initial and date the accomplishment of the career ready competency at each review.

Ratings are:

- (4) Exceeds Expectations (Advanced)
- (3) Meets Expectations (Proficient)
- (2) Meets Some Expectations (Emerging)
- (1) Does Not Yet Meet Expectations (Novice)
- (0) Not applicable (No Skill)
- 4. Exceeds Expectations (Advanced): Consistently exceeds performance standard established for the time in position. Achieves results above and beyond what is required. Extends themselves in their roles to exceed personally and as a team to achieve exceptional results.
- 3. Meets Expectations (Proficient): Employee meets all expectations in a fully satisfactory way and



is proficient in the outlined competencies.

- 2. Meets Some Expectations (Emerging): Meets the performance standards established for time in position. Handles routine tasks & some unexpected situations with the usual amount of supervision. Can continue to develop with coaching, training or more experience to gain proficiency.
- 1. Does Not Yet Meet Expectations (Novice): Occasionally meets some of the objectives related to this goal but does not meet others in a fully satisfactory way. This performance level generally indicates the need for additional coaching, training, or other plan for performance improvements.

0.Not Applicable (No Skill): Training in this competency has not yet begun.

Apprentices need to receive a "3" or better in each competency in order to complete the apprenticeship.

| ENTREPRENEURIAL SKILLS | Required for this employer (yes/no) | Rating | Supervisor Sign-off | Date |
|--|--|--------|------------------------|------|
| Critical Thinking/Problem Solving Recognize that problems can be identified, and possible solutions can be generated Define the problem using a variety of strategies Make connections between information gathered and personal experiences to apply and/or test solutions | | | | |
| Creativity / Innovation Demonstrate curiosity, imagination, and eagerness to learn more Build on personal experience to specify a challenging problem to investigate Engage in novel approaches, moves, directions, ideas and/or perspectives | | | | |
| Inquiry Recognize and describe cause-and-effect relationships and patterns in everyday experiences Investigate to form hypotheses, make observations, and draw conclusions Test hypotheses/prototype with planned process for getting feedback Risk Taking | | | | |
| Demonstrate a willingness to try new things Demonstrate flexibility, imagination, and inventiveness in taking on tasks and activities | | | | |



 Innovate from failure, connect learning across domains and recognize new opportunities

| PERSONAL SKILLS | Required for this employer (yes/no) | Rating | Supervisor Sign-off | Date |
|--|--|--------|------------------------|------|
| Self-Management / Self Awareness | | | | |
| Accurately recognize one's own emotions, | | | | |
| thoughts, and values and how they influence | | | | |
| behavior | | | | |
| Appropriately express one's own emotions, | | | | |
| thoughts and values and identify how they | | | | |
| influence behavior | | | | |
| Assess personal strengths and limitations, | | | | |
| with a well-grounded sense of confidence, | | | | |
| optimism and a 'growth mindset' | | | | |
| Self-Direction | | | | |
| Recognize personal characteristics, preferences, thoughts, and strengths | | | | |
| | | | | |
| Pursue opportunities to engage and learn interests | | | | |
| Apply knowledge to set goals, make informed | | | | |
| decisions and transfer to new contexts | | | | |
| Adaptability / Flexibility | | | | |
| Recognize emotional response to ideas that | | | | |
| differ from one's own | | | | |
| Regulate reactions to differing perspectives | | | | |
| Look for and value in different perspectives | | | | |
| expressed by others | | | | |
| Perseverance / Resilience | | | | |
| Resist distractions, maintain attention, and | | | | |
| continue the task at hand through frustration | | | | |
| or challenges | | | | |
| Set goals and develop strategies to remain | | | | |
| focused on learning goals | | | | |
| Focus on learning goals by employing | | | | |
| motivation and familiar strategies for | | | | |
| engagement and evaluate progress, making | | | | |
| necessary changes to stay the course | | | | |

| CIVIC/INTERPERSONAL SKILLS | Required for this employer (yes/no) | Rating | Supervisor Sign-off | Date |
|---|--|--------|------------------------|------|
| Collaboration / Teamwork | | | | |
| Recognize how personal actions have had a | | | | |
| positive or negative impact on others with | | | | |
| feedback as needed | | | | |



| | 1 1 1 | 1 |
|--|-------|---|
| Recognize how members of a community rely | | |
| on each other, considering personal | | |
| contributions as applicable | | |
| Follow a process identified by others to help | | |
| generate ideas, negotiate roles and | | |
| responsibilities, and respects consensus in | | |
| decision making | | |
| Communication | | |
| Articulate personal strengths and challenges | | |
| using different forms of communication to | | |
| express oneself | | |
| Consider purpose, formality of context and | | |
| audience, and distinct cultural norms when | | |
| planning content, mode, delivery, and | | |
| expression | | |
| Establish goals for communication and plan | | |
| out steps accordingly | | |
| Global / Cultural Awareness | | |
| Compare attitudes and beliefs as an individual | | |
| to others | | |
| Identify and explain multiple perspectives | | |
| (cultural, global) when exploring events, ideas, | | |
| and issues | | |
| Plan and evaluate complex solutions to global | | |
| challenges that are appropriate to their | | |
| contexts using multiple disciplinary | | |
| perspectives (such as cultural, historical, and | | |
| scientific) | | |
| Ethics | | |
| Takes great care with organizational data | | |
| Does not disclose any kind of personal or | | |
| sensitive organizational information; | | |
| understands that all data is confidential | | |
| Demonstrates honesty and integrity in all | | |
| interactions. If an error is made, prioritizes | | |
| minimal impact to the organization over their | | |
| own reputation | | |
| own reputation | | |

| PROFESSIONAL SKILLS | Required for this employer (yes/no) | Rating | Supervisor Sign-off | Date |
|---|--|--------|------------------------|------|
| Task/Time Management | | | | |
| Articulate task requirements and identify | | | | |
| deadlines | | | | |
| Develop and utilize basic task and time- | | | | |
| management strategies effectively | | | | |



| Demonstrate task-management attributes associated with producing high-quality products including the abilities to: 1) Work positively and ethically 2) Manage time and projects effectively 3) multi-task 4) Clearly communicate with others | | |
|--|--|--|
| Self-Advocacy | | |
| Appropriately express a range of emotions to communicate personal ideas/needs Ask questions to develop further personal understanding Demonstrate confidence in sharing ideas/feelings | | |
| Work Ethic | | |
| Complete tasks with ongoing support | | |
| Seek clarity on tasks and needs occasional | | |
| support | | |
| Demonstrate skill in assigned tasks and | | |
| completes with little or no support | | |

| ACADEMIC SKILLS | Required for this employer (yes/no) | Rating | Supervisor Sign-off | Date |
|---|--|--------|------------------------|------|
| Core Academic Foundation | | | | |
| Begins to use math and literacy skills to inform work | | | | |
| Uses math and literacy skills to perform job tasks with frequent checks by supervisor | | | | |
| Independently and consistently use math and literacy skills to perform tasks (with occasional checks for quality) | | | | |



RELATED INSTRUCTION OUTLINE AUTOMOTIVE TECHNICIAN

(Existing Title: Automotive Technician Specialist) 0*NET-SOC CODE: 49-3023.00 RAPIDS CODE: 1034CB

Related instruction - The curriculum is defined as a variety of classes, around which the exams and projects are based. By defining the related instruction this way, all related instruction competencies required of the students are met through a combination of coursework and/or hands-on exercises. Employers will select relevant courses for related instruction in the topics outlined below, totaling at least 144 hours over the duration of the apprenticeship. Selection of required topics and associated training time may vary by employer and apprentice. Employer may add additional occupation specific courses as necessary over and above those specified below.

| RELATED INSTRUCTION | Approximate Hours |
|--|-------------------|
| Apprenticeship Orientation | 15 |
| Workplace Essentials | 45 |
| Employer Onboarding | 10 |
| Electric and Electronic Systems Repair | 45 |
| Engine Repair | 45 |
| Safety | 15 |
| TOTAL RI HOURS | 175 |

COURSE DESCRIPTIONS

Apprenticeship Orientation (15 hours)

Introduction to career-readiness to prepare students for working in a professional environment: apprenticeship and workplace expectations with a focus on growth mindset.

Workplace Essentials (45 hours)

Skills in common computer applications, effective workplace communication, time management, and conflict resolution.

Employer Onboarding (10 hours)

Orientation training provided to new employees by the employer.

Electric and Electronic Systems Repair (45 hours)

Applies theory to diagnose and perform repairs on electrical and electronic systems, including on the battery, lighting, and body systems,

Engine Repair (45 hours)

Applies theory to diagnose and perform repairs on components of the engine, including mechanical repair and diagnosis, fuel, ignition, and engine management system repair and diagnosis.

Safety (15 hours)

Understands and upholds safe workplace practices in an automotive shop environment.



SELECTION PROCEDURES

- 1. Apprenticeship opportunities are shared with students enrolled in CareerWise and its affiliated programs.
- 2. Interested applicants complete the application process outlined in the apprenticeship recruitment notice. All suitably qualified applicants can apply to the apprenticeship opportunity.
- 3. All applicants that meet the minimum qualifications will be selected for an employer interview.
- 4. At the time of interview, applicants will be asked the same set of questions to ensure each applicant is treated equally.
- 5. Applicants shall be rated and ranked based on interview scores.

If required by the employer, the top candidates may be invited for a second interview.

- 6. The applicants will be notified of the hiring decision in a timely manner and all applicants will be treated equally with regard to notifications.
- 7. All records regarding the selection of apprentices will be forwarded to and maintained by the Sponsor (see Sponsor Requirements Guide).

Direct Entry:

The Sponsor may allow direct entry applicants that are part of an employer's incumbent workforce, a qualified pre-apprenticeship program, or Job Corps graduates whose training, similarly, qualifies them for the occupation.