**Cluster Area:** Architecture and Construction

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| **Career Pathway:**  Heavy Equipment Operations | Students must successfully pass the following three courses in order to sit for the End-of-Pathway Assessment:   * 46.54500 Industry Fundamentals and Occupational Safety * 46.59000 Introduction to Heavy Equipment  |  | | --- | | * 46.59100 Heavy Equipment Operations I | |
| **Credentialing Exam:** | **NCCER Heavy Equipment Operations Level 1 Certification:**  An assessment is given at the end of each of the following modules and performance exams are given at the end of selected modules per NCCER guidelines:   * Basic Safety * Introduction to Construction Math * Introduction to Hand Tools * Introduction to Power Tools * Introduction to Construction Drawings * Introduction to Basic Rigging * Basic Communication Skills * Basic Employability Skills * Introduction to Material Handling * Orientation to the Trade * Introduction to Heavy Equipment Safety * Identification of heavy Equipment * Basic Operational Techniques * Utility Tractors * Introduction to Earth Moving * Grades * Vertical – Mast Sit-down Counterbalance Forklifts   Students must successfully pass each of the above written and performance exams at the end of the related module over the span of the three above referenced courses to receive the Heavy Equipment Level Operations I Certification.  Students using older versions of the NCCER Curriculum must complete all modules and be issued the NCCER Core Curriculum, and Heavy Equipment Operations Level I Credential to achieve EOPA credit.  **NOTE:**   * The high school program must be NCCER accredited through CONSTRUCTION READY to support the Heavy Equipment Operations Level I Certification. * Only those students who have earned a NCCER CORE & Heavy Equipment Operations Level I Certification can use this certification as an EOPA exam option. * Data should only be reported through the EOPA Portal at the end of the school year for students who have earned the NCCER Level I Certifications. * Determinations to utilize the NCCER Level I Certifications as EOPA exam options are made locally. |
| **Testing Agency:** | NCCER  Link: [http://www.nccer.org/](about:blank) |
| **Exam Blueprint:** | NCCER Heavy Equipment Operations I Curriculum available through Pearson Learning Solutions.  Go to the following link to view a copy of the exam blueprint:  <https://drive.google.com/file/d/1aALcwQWZQ05MbOgiLIFS_jBVGKNNLZ8Q/view> |
| **Exam Cost:** | Module Exams available through NCCER Curriculum |
| **Duration of Exam:** |  |
| **Number of Questions:** | 15-35 questions |
| **Exam Cut Score:** |  |
| **Test Ordering Information:** | Successful completion of each module requires passing a knowledge-based exam (score of 70 or higher) and successful completion of any required performance profiles.  Information, pricing, and requests for quotes can be found on the [NCCER Instructor Information Page](https://www.nccer.org/mynccer/secure/dashboard/testing).  Module exams are taken using the [NCCER Testing System](https://account.nccer.org/Account/Login?ReturnUrl=%2Fconnect%2Fauthorize%2Fcallback%3Fclient_id%3D7e90c1f5-aac0-4b60-ac86-78ded32ceef7-mpweb%26nonce%3Dlvn75wrroec%26redirect_uri%3Dhttps%253A%252F%252Fweb.account.nccer.org%252F%2523%252FredirectUrl%253F%26response_mode%3Dfragment%26response_type%3Did_token%26scope%3Dopenid%2520memberplex) and are automatically submitted to the NCCER Registry System upon receipt of a passing score (70 or higher) and will be added to the students’ NCCER transcript.  Instructors submit successfully completed performance profiles for the students using the NCCER Testing System. These are then also automatically submitted to the NCCER Registry and added to the students’ transcripts.  The ATS in Georgia is CONSTRUCTION READY who provides the necessary test proctoring and performance profile submission clearance to the instructor. Once the NCCER Registry shows the necessary modules are completed, they will issue a credential to the student via shipment to the training facility (school).  **NOTE:**  Instructors should keep accurate documentation of student performance profiles for a minimum of three years. Instructors should inform the CTAE Director of students who have obtained both the CORE & Level 1 Certification and be prepared to share the necessary documentation of student performance. |
| **Proctoring Guidelines:** | Proctoring of exams may be done by instructors or other qualified school personnel who have successfully completed the NCCER ICTP requirements for craft instructors or curriculum proctors.  Performance Profiles may only be proctored by qualified NCCER Craft Instructors or Performance Evaluators. |
| **Testing Format:** | Knowledge-based (online) and performance |
| **Required Computer Software Specifications:** | Web Access |
| **Test Availability:** | Year-round availability |
| **Testing Agency Contact:** | Title: Industry Certification Coordinator  Organization: CONSTRUCTION READY  Telephone Number: 678-801-9100  Email Address: [ic@cefga.org](mailto:ic@cefga.org) |
| **GaDOE Contact for Credentialing:** | Name: Mamie Hanson  Telephone Number: 470-728-6052  Email: [mhanson@doe.k12.ga.us](about:blank) |
| **GaDOE Contact for Curriculum Area:** | Name: Tim Elliott  Telephone Number: (470) 755-4629  Email: [telliott@doe.k12.ga.us](about:blank) |