



CAREER COLLEGE

**Student
HANDBOOK
and CATALOG
2021-2022**

IECRM is a nonprofit organization dedicated to supporting, educating, and promoting professional electrical contractors.

Approved and regulated by The Colorado Department of Higher Education, Division of Private Occupational Schools Board.

STUDENT HANDBOOK and CATALOG **2021-2022**

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(303) 853-4886**

**Independent Electrical
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Rocky Mountain – (IECRM)
South Campus
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IECRM CORE VALUES

For IECRM to be successful at achieving our mission, integrity is the foundation for everything we do. Then whatever class, program or event that we put on has to be done with great competency, treating those we serve with respect. This will produce the highest quality of service that is critical to our members and students. By incorporating all of these core values it will bring collaboration to everyone involved with IECRM and thus build a strong movement to lead our industry to greatness.

I. INTEGRITY

Every staff member is committed to the highest integrity and truth in matters of principle. We will stand up for what is right, even when it makes our job more complicated.

II. COMPETENCY

We don't just do the right thing, we do the right thing right. We will conduct all business with the utmost proficiency and expertise.

III. RESPECT

Everyone that we are connected to has value to this organization. This means that listening and thoroughly understanding the wants and needs of our alliances will be obtained to secure common goals.

IV. SERVICE

We will strive to exceed standards for quality of care and customer service. The underlying factor for service is a genuine understanding and focused attention on the people we are serving.

V. COLLABORATION

At its heart, we are an organization of teamwork and partnership. We will welcome others and build on the strength they bring to the overall success of our organization.

1.0 GENERAL INFORMATION

1.1 Your Right to Equal Opportunity

It is against the law for a sponsor of an apprenticeship program registered for Federal purposes to discriminate against an apprenticeship applicant or apprentice based on race, color, religion, national origin, sex, sexual orientation, age (40 years or older), genetic information, or disability. The sponsor must ensure equal opportunity with regard to all terms, conditions, and privileges associated with apprenticeship. If you think that you have been subjected to discrimination, you may file a complaint within 300 days from the date of the alleged discrimination or failure to follow the equal opportunity standards with the following agency:

USDOL Employment and Training Administration
David A. Risser, Apprenticeship & Training Representative
791-19th Street, Rm 465, Denver, CO 80202
(303) 844-4826, email: risser.david@dol.gov

You may also be able to file complaints directly with the EEOC or State Fair Employment Practices Agency. If those offices have jurisdiction over the sponsor/employer, their contact information is listed below.

Colorado Civil Rights Division
1560 Broadway, Suite 1050, Denver, Colorado;
Main phone: (303) 894-2997 or 1-(800) 262-4845
www.colorado.gov/dora/civil-rights

U.S Equal Employment Opportunity Commission (EEOC)
303 E. 17th Ave., Suite 410, Denver, Colorado 80203
Phone: 1-800-669-4000
www.eeoc.gov

Each complaint filed must be made in writing and include the following information:

- Complainant's name, address and telephone number, or other means for contacting the complainant.
- The identity of the respondent (i.e. the name, address, and telephone number of the individual or entity that the complainant alleges is responsible for the discrimination).
- A short description of the events that the complainant believes were discriminatory, including but not limited to when the events took place, what occurred, and why the complainant believes the actions were discriminatory (for example, because of his/her race, color, religion, sex, sexual orientation, national origin, age (40 or older), genetic information, or disability).
- The complainant's signature or the signature of the complainant's authorized representative.

1.2 There are four years of study to complete the apprenticeship program. Each year is divided into two 18-week semesters. For dates please see the calendar in Appendix.

1.2.1 The Colorado Department of Labor recognizes the IECRM Apprenticeship Training Program as an approved Office of Apprenticeship (OA) Program.

- 1.2.2 Approved and regulated by the Colorado Department of Higher Education, Division of Private Occupational Schools Board.
- 1.3 Classes meet one evening per week (4 hours per class) from 5:30 p.m. to 9:30 p.m. Classes are held at the IECRM Main Campus at 11429 Pearl Street, Northglenn, CO; Northern Campus at 912 Smithfield Drive, Unit 1 & 2, Ft. Collins, CO; and remotely via Live-Online for all four years.
- 1.4 A student may only transfer from the classroom to Live-Online or from Live-Online to the classroom once per semester. Once a student moves from one venue to another they cannot transfer back until the next semester. No transfers will be allowed during the first 2 weeks of class or during the last 2 weeks of class. When possible a 2-week notice should be given to allow adequate time to be able to transfer the records of the student to the other class.
- 1.5 The scheduled night that any given class will meet is subject to various factors, including but not limited to instructor availability and classroom space and size. Classes for 1st – 4th year will be scheduled Monday – Thursday.

2.0 GOAL OF THE APPRENTICESHIP PROGRAM

- 2.1 The IECRM Training Fund, Inc. is a nonprofit educational organization that administers the apprenticeship school. The primary goal of the apprenticeship school is to graduate highly skilled, highly trained, and highly motivated electricians. In doing so, the students should have the background and tools necessary to become the future leaders of the electrical industry.
 - 2.1.1 Students are strongly encouraged to complete the full Four-Year Apprenticeship Program even if they have a state electrical license.

3.0 REGISTRATION AND LATE REGISTRATION

- 3.1 Registration shall be done on the Flashpoint database for all contractors registering students. Money for tuition and book payment must be submitted at the time of registration. Payment for tuition and books must be made by company check or credit card only. Contractors shall collect any money due from their individual apprentices, if necessary, to comply with this section of the Handbook.
- 3.2 If registration and payment are not made by the early bird due dates, regular rate tuition will be charged to the registration. A \$50 increase for members and a \$75 increase for non-members will be applied for each apprentice registered.
- 3.3 Students paying for their own tuition can pay by check, credit card or cash at the time of registration.
- 3.4 Books will be distributed during Student Orientation for new students after all paperwork has been filled out, and after all payments are made. Returning students will get their books on the first night of class. Live-Online student books will be mailed or picked up by their contractor.
- 3.5 The registration deadline is to allow sufficient time to order textbooks for the various classes. Anyone who registers and is accepted as a late registrant for the apprenticeship school after the date for “Close of Registration” risks the possibility of not receiving their books by the first night of class. The IECRM staff must have accurate registration information in order to hire instructors, allocate classroom resources, and prepare the paperwork necessary for the opening of school.
- 3.6 All new students, regardless of year, are required to take a Math Assessment. The student must pass the exam with at least 70%. Any student receiving less than 70% on the Math Assessment will be required to attend and pass the Math Module class.

4.0 TUITION

- 4.1 Tuition costs are established by the IECRM Board of Trustees and will be included in the registration information.

- 4.2 Tuition includes charges to cover teachers' salaries, classroom space, and other expenses incurred during classroom instruction. Tuition also includes costs for any lab expenses, supplies and/or materials. Tuition charges do not include textbooks, workbooks, notebooks, or payment for other materials necessary for class preparation and study.
- 4.3 Tuition payment must be submitted at the time of registration.
- 4.4 Any student whose tuition has not been paid prior to the first night of class will be allowed into class; however, if the tuition has not been paid before the second week of class, the student will not be allowed to continue until payment is made in full or payment arrangement has been approved.
- 4.5 A payment plan is available for students who are paying their own tuition and books. Fifty percent (50%) is due at the time of registration. The remainder due will be split into payments that will be automatically charged to the credit card on file.
- 4.6 Students who wish to attend the program and are unemployed and unable to pay for schooling can apply for IECRM's Tuition Assistance Program.
- 4.7 IECRM gives eligible Veterans priority for Tuition Assistance for our educational programs. All applicants must fulfill the qualifications for the Tuition Assistance Program.
- 4.8 A \$10 fee will be collected per student, per semester as is required by the Colorado Department of Higher Education, Division of Private Occupational Schools Board.
- 4.9 A \$15 Technology Fee will be collected per student each semester for the use and administration of the web based Classroom Management System.

5.0 BOOKS

- 5.1 Textbooks to be used as part of the apprenticeship program will be purchased from IECRM. The cost of the textbooks is established by the Board of Trustees and will be stated in the registration information.
- 5.2 IECRM Student Book Kits are purchased at the beginning of the first semester for the entire year (two semesters). Curriculum will only be used for the specified year, however, supplemental texts may be used throughout the 4 years. Students are encouraged to keep their books as future reference material.
- 5.3 Textbooks are available digitally on the CMS platform. Access to these digital books are included in the kit price.
- 5.4 All students must purchase the current year IECRM Student Book Kit and must have the current edition 2020 NFPA 70 National Electrical Code book. These book kits contain the student manual and textbooks necessary for the student to complete the classwork.
- 5.5 As stated in 3.2 and 3.3, book payment must be submitted at time of registration.

6.0 FACILITIES

- 6.1 South Location Students – please refer to Code of Conduct through Arapahoe Community College [Arapahoe Community College - Code of Conduct](#). ACC is Tabaco, E-cig, Vape and drug-free.
- 6.2 A parking pass will be issued to students attending the South Location at Arapahoe Community College.
- 6.3 Every effort has been made to provide IECRM students with a clean, safe, and attractive place to attend class. Security cameras have been installed for your safety both internally and externally. It is important to remember that no matter how safe we try to make the facility, there is always the possibility of criminal mischief in the parking lots. Please lock your vehicles and keep all tools that you travel with hidden so that temptation is minimized. No trespassing signage is posted on the property. Please report any unusual or suspicious activity to IECRM. It is everyone's responsibility to help maintain these facilities. Students and Instructors will clean lab areas and return materials to storage areas when lab exercises have

concluded. Anyone that deliberately damages or destroys IECRM property will be assessed a fee for the damages and dismissed from the program. Report any suspicious activity to your instructor.

- 6.4 A break area is provided at each campus location. All snacks should be consumed in the designated break areas only. Please deposit trash and recyclables in the appropriate cans provided.
- 6.5 The furniture in the classrooms is arranged in a certain position for a specific reason. Please leave the furniture as you found it. If the Instructor has you move the furniture for any reason, please return it to the original position at the end of class. Please do not sit on the tables as they may break.
- 6.6 All students are to park in the parking lot, use street parking or park in IECRM designated areas. Trash or recyclables should not be left in the parking lot. Please deposit any trash or recyclables in the designated trash receptacles.
- 6.7 The staff kitchen area is not open to students.

7.0 CONDUCT

- 7.1 South Location Students – please refer to Code of Conduct through Arapahoe Community College [Arapahoe Community College - Code of Conduct](#). ACC is Tobacco, E-cig, Vape and drug-free.
- 7.2 Students are expected to be in class on time and ready to learn.
- 7.3 There are several classes meeting at the same time as yours. When you are on break, or are not in the classroom, please do not disturb the other classes.
- 7.4 Cell phones may be used as part of the class to access the Classroom Management System. Please silence or turn off cell phones once entering the classroom and put them away. Any use of cell phones other than the Classroom Management System is subject to dismissal. If you are using your cell phone on break please be courteous of others still in class.
- 7.5 At no time are children authorized in the classrooms. IECRM is an educational facility with numerous hazards and cannot accommodate the needs of children.
- 7.6 Everyone has the right to feel safe and secure in the class environment. Any conduct intended to harass or intimidate other individuals will not be tolerated. Conduct of this kind will constitute reason for termination from the program.
- 7.7 The use of any alcohol, marijuana, or other drugs in, on, or around the school building, including the parking areas, will not be tolerated at any time. Such use will result in immediate termination from the program. The same applies to anyone who is in possession of a weapon, including knives, on or around school premises.
- 7.8 Smoking, chewing tobacco or e-cigarettes are not allowed within the building. Containers for cigarette butts and used chew are provided outside the student entrance doors. Please dispose of any tobacco products in these containers. A \$25 fine could be imposed for improper disposal.
- 7.9 All students are required to provide safety glasses and/or other personal protective equipment (PPE) that may be required while working on hands-on lab exercises. Instructors will enforce all safety rules in labs and during hands-on demonstrations. The instructors are an extension of IECRM management and have the authority to dismiss any student from the premises for conduct deemed not in the best interest of the IECRM Career College/Apprenticeship Program.
- 7.10 Any student that feels they were treated unfairly during the enforcement of the “Conduct” section of this document is encouraged to make an appointment with the Training Director to discuss the issue.
- 7.11 Any student terminated from the program can have their position heard by the IECRM A&T Committee upon written request to the Training Director. All decisions by the IECRM A&T Committee are considered final. The IECRM A&T Committee meets periodically throughout the year.

7.12 We take the integrity of our students very seriously. Please refer to IECRM Core Values at the beginning of this handbook for a list of the Core Values.

8.0 PLACEMENT TESTING AND TRANSCRIPTS

- 8.1 Placement testing applies to new students and those with trade related transcripts. Exams can only be taken once.
- 8.2 Prospective students who desire to test out of first or second year classes must schedule an appointment with the Training Office and test by June 30th. A **\$75** fee will apply to anyone without trade related transcripts.
- 8.3 A passing score is 70%. Students with **approved** trade related transcripts that score below a 70% may be granted placement upon successful completion of an IECRM Overview Course. Classroom hours are not given for successful placement exams. Approval from the Training Director must be given to be given a placement test to move from the third year into fourth year. Tests will not be given to move out of the fourth year.
- 8.4 All placement exams must be completed within four hours. If the student has not completed the exam in four hours, any questions left unanswered will be graded as if they were answered incorrectly.
- 8.5 Transcripts from other apprenticeship training programs and trade related courses may be used in order to be granted a placement exam. A placement exam is necessary to enroll in other than the first year when transcripts are presented. For example, to get into third year you will need to take a second year placement exam. The transcripts need to be presented to the Training Manager for review prior to the placement exam date.
- 8.6 Returning IECRM students that have been out a year or more may also have to take the Placement Test.

9.0 CLASSROOM MANAGEMENT SYSTEM (CMS)

- 9.1 Each IECRM enrolled student will receive their own personal Web Based CMS Log In. All Homework, Quizzes, Exams and Attendance will be collected in the CMS. It will be the enrolled student's responsibility to have technology such as a Cell Phone, Laptop or Tablet to connect to the Web Based CMS. IECRM will provide Wi-Fi access and power to the classrooms if charging is needed.

10.0 FAST TRACK

- 10.1 This course will cover two curriculum years (288 classroom hours) in one school year. **We recommend those interested in this course have at least 6000+ on-the-job training hours.**
- 10.2 The student will attend 8 hours a week. The same attendance policy applies, see section 11.0. Each student must have 144 hours for the semester and meet all other grade requirements to move on to next semester.

11.0 ATTENDANCE

- 11.1 The IECRM Electrical Apprentice Training Program is recognized by the U.S. Department of Labor and approved by the Office of Apprenticeship (OA). CFR 2929 code of the Federal Regulations requires strict monitoring of the attendance for each apprentice in the training program. Attendance is mandatory and it is the responsibility of the student to attend and participate in class. The instructors, the IECRM Training Office and the employing contractors will closely monitor attendance.
- 11.2 IECRM requires students to attend all classes. Students are encouraged to keep absences to a maximum of three (3) per school year. All absences/missed classes must be made up in order to receive the 72 hours required to pass the semester. The student can be removed from class for multiple absences that have not been

made up. Any student dropped from the program but is otherwise in good standing with IECRM may re-enroll to repeat the entire semester. There are no excused absences. Classes missed due to work or personal matters will be counted as an absence. If a doctor's note or military orders are provided for the individual absence fees may be waived. Make-up classes will still need to be completed by the deadline as well as any in class assignments that are due. **NOTE: Two tardies may be equivalent to one absence. Tardies will count against you and will need to be made up. Please see make-up policy 9.4.**

- 11.3 In-person classes will have an option to attend class online on an as-needed basis only and will be required to attend in-person on exam nights.
- 11.4 It is the student's responsibility and critically important for the student to be conscious of missed classes and the need to complete make-up classes in a timely manner. The student must make up each absence. There are a number of ways to make-up an absence, either through Educadium (located at www.iecrm.org), coming to IECRM and taking a paper test, attending the Holiday Party or attending the Wire-Off competition.
- 11.5 In order to be eligible to take the final exam, all absences must be made up prior to the week of finals. A total of 68 classroom hours are needed to take the final exam. Deadlines will be set by the Training Office.
- 11.6 Students that are enrolled in an **8-hour class** will still need to make up any absences. A total of 144 classroom hours is required for each semester.
- 11.7 **Make-up policy:**
 - 11.7.1 **The fee is \$40 to make up a missed class (4 hours).**
 - 11.7.2 **Students are highly encouraged to check on Flashpoint multiple times during the semester to find out if any make-ups need to be completed.**
 - 11.7.3 **If there is a dispute as to whether a make-up is needed, contact your instructor.**
 - 11.7.4 **All make-up classes will need to be completed for the current semester in order to take the semester final. If make-up classes are not complete the student may be sent home and will need to reschedule the semester final exam.**
 - 11.7.5 **Make-up classes are to fulfill seat time requirements; they do not take the place of missing homework and quizzes. Refer to your instructor regarding missing assignments.**
 - 11.7.6 **If a refund is requested by a student purchasing a class in error, the student will be refunded the full amount minus a \$5 administration fee.**
- 11.8 Each student is required to complete a minimum of 144 hours of regularly scheduled classes each year. The school year consists of 36 class sessions.
- 11.9 Attendance will be taken by the Instructor through the Classroom Management System (CMS). Attendance will be taken each evening at 5:30 p.m. and 9:00 p.m. during each class session. Any dispute of attendance will need to be handled through the instructor.
- 11.10 If a student is required by any military service to fulfill time/active duties/training away from school, IECRM will make every effort to accommodate these needs while staying compliant within the stated policies.
- 11.11 Online students cannot dial in and attend class. You must be able to access class via the internet. You will be marked absent if you use the dial in method.

12.0 ATTENDANCE REPORTS:

- 12.1 It is the student's responsibility to check Flashpoint on a regular basis to keep current on accurate attendance and grades. Students and contractors can access grades and attendance reports on the Flashpoint Database by visiting www.iecrm.org. Contractors can also log in by using their assigned username and password supplied by IECRM.

12.2 The Flashpoint Database will notify the student's employers when an absence has occurred.

13.0 GRADES:

13.1 Student grades will be based on a combined average of three different factors: exam, quiz, and homework scores. This grade is referred to as the combined average and is calculated as follows:

13.2 Mid-term and Final calculations are:

Exam score = 34%

Quiz scores = 33%

Homework score = 33%

13.3 The Final Semester Grade is an average of First Quarter and Second Quarter Grades.

13.4 In order for a student to pass from one semester to the next the student must have a minimum combined average of 70%.

13.4.1 Students that fail the Final Exam or are below 70% on the combined average grade will be allowed to take a "make-up" exam one time only within 1 week of the end of the class. You must have a 70% or better on each semester final exam in order to complete the semester.

13.4.2 Online retakes will be given at the Main Northglenn Campus only.

13.4.3 Grade scale:

100% - 93% = A = Exceptional

92% - 85% = B = Very good

84% - 75% = C = Good

74% - 70% = D = Poor

Below 70% = F = Very poor – Failing

13.4.4 Any student that fails a semester must retake that semester.

14.0 GRADE REPORTS:

14.1 All grade and attendance reports will be made available to the contractors and students online via the Flashpoint Database. Please see 10.1 for additional information. Final grades can be accessed through Flashpoint. Certificates of Completions will be given at graduation for Fourth Year Students only. Transcripts are available upon request.

14.2 All disputes with grades and attendance after the school year has closed must be brought to the Training Offices attention within 45 days of completion.

15.0 EXAM PROCEDURES:

15.1 Paper Exams – if needed, will be printed internally by noon on the day the test is to be given and controlled securely by the IECRM Training Director. All tests will be picked up from the Training Coordinator in the training office by the instructor at 5:30 p.m., no earlier. In certain circumstances, tests may also be delivered to the class by the Training Director, but not until 5:30 p.m. Once the test is in the classroom they are under specific control and watch of the instructor.

15.2 We encourage all students to have 68 hours prior to taking the final exam. Any student that does not have 72 hours by the end of the semester will be considered failing the semester until the missing classroom hours are made up.

15.3 CMS/Web Based Exams will be given via the Classroom Management System (CMS) platform. You must be present in class to take the exam. Any student absent for the scheduled exam will be notified when they will be able to take their makeup exam. We will not accept any exam score if the student is not present for the scheduled class. In-person students must attend in-person on exam nights.

15.4 Each student is given two opportunities in class for the exam. The highest score will be added to the gradebook.

- 15.5 Tests will only be given from 5:30 p.m. to 9:30 p.m. No student will be allowed to start the test early and the test will be given to the entire class at the same time. Students must be on time to class. Once the test has been opened or distributed, students will not be allowed into the classroom to start the test. All tests will be completed or handed in by 9:30 p.m. on the night of class. Students may finish early and may leave the classroom if they like, however once they leave the classroom they will not be allowed back into the classroom on the night of the test.
- 15.6 Students that miss the exam on the regularly scheduled night will have to make arrangements with IECRM to take the test on their own time. They must schedule an appointment with the Training Office to come in to take the exam within five working days from the day the test was originally administered. They must schedule the test between 9:00 a.m. and 1:00 p.m. No one will be allowed to start the test after 1:00 p.m., once the exam is completed an attendance credit will be given. Exams must be completed by their next class night.
- 15.7 **For Live-Online (LOL) Students.** Exams will only be opened during class time (5:30 p.m.-9:30 p.m.) and will be proctored by his/her instructor. A web camera is required and must be operational on exam nights for the instructor proctoring. On the first night of class/orientation a camera operations test will be held for all classes.
- 15.8 Any student caught cheating on homework, quizzes or an exam is subject to immediate termination from the apprenticeship program and the students' employer will be notified.
- 15.9 All Students will take mandatory exams at the middle and end of each enrolled semester that accumulates to 34% of the student grade.
- 15.10 In order to be eligible to take the final exam, all absences must be made up prior to the week of finals. A total of 68 classroom hours is needed to take the final exam. Deadlines will be set by the Training Office.
- 15.11 Each student is given two opportunities in class for the exam. The highest score will be added to the gradebook.
- 15.12 Students that are absent for a Midterm or Final Exam will be required to take the exam before returning to class. The student must take the exam before the next class. A zero will be assessed if a student that did not take the exam attends subsequent class sessions without first taking the Midterm or Final Exam.
- 15.13 Students absent for an exam must take the exam by scheduling an appointment during regular office hours 9:00 a.m. to 1:00 p.m. Any student that needs to make up the Final Exam must do so within five working days from the originally scheduled Final Exam. Attendance credit will be given for exams taken outside of the classroom.
- 15.14 All exams are closed. However, the National Electrical Code book and a calculator may be used. The student may also use one page of handwritten notes. First and second year classes will be provided with a list of formulas for use during their exams.

16.0 QUIZZES:

- 16.1 Quizzes must be done within the scheduled class via the Classroom Management System (CMS). We will not accept any quiz score if the student is not present for the scheduled class. Students must communicate with their instructor to reschedule the quiz prior to the start of class.

17.0 HOMEWORK:

- 17.1 **It is the responsibility of each student to obtain the homework assignment for the next week's class from their instructor.**
- 17.2 The homework assigned for any given week will be as presented in the IEC Student Manual. However, each individual instructor can make changes,

additions, or deletions for the published homework assignments as is fitting and proper for their class for that particular lesson.

- 17.3 Homework will be submitted through the Classroom Management System (CMS) prior to the next scheduled class. The instructor will close the homework once the review is complete. If the student did not submit homework prior to the assignment close time, the student must communicate with the instructor to reschedule the assignment. It is the responsibility of the student to turn in their homework assignments on time and complete them. All make-up homework must be completed within a week of the due date. Any discrepancies with grades or attendance will need to be handled through your instructor. Make-up for missed homework assignments is strictly a decision of the individual instructor. The decision of the instructor is final concerning homework assignments.

18.0 SCHOOL CLOSURES:

- 18.1 In the event of extreme weather, school closures will be announced on Channel 9, via email, text message and the www.iecrm.org website. Please do not call the IECRM office before 3 p.m. for school closure information. If class is cancelled it may be rescheduled on a future date.
- 18.2 It will be considered an absence if the snow day assignment is not submitted by close date on CMS. A make-up must be completed in Educadium and fees will be waived. You must notify the Training Office in order to start the process.
- 18.3 If the school has to be closed for any unforeseen reason, the IECRM staff will attempt to contact each employer and student via email.
- 18.4 Students enrolled in an 8-hour class will be notified as soon as possible of any school closures.

19.0 TOP STUDENT AWARDS:

- 19.1 The instructor of each class in the school will present the name of their top student to the Training Director.
- 19.2 The top student is based on several factors including grades, attendance, class participation, and other factors that make this individual outstanding according to their instructor.

20.0 GRADUATION:

- 20.1 A graduation ceremony will be held at the end of the second semester to honor the work and accomplishment of the fourth year students. See the Calendar in Appendix A for dates.
- 20.2 All graduating fourth year students are invited to the ceremony as guests of IECRM and are encouraged to attend. Graduating students in attendance will receive a gift to be awarded at the graduation ceremony. The fourth year top students will also be honored with a special award.
- 20.3 A Valedictorian (highest GPA over 4 years) and Salutatorian (second highest GPA over 4 years) will be chosen each year and be asked to give a speech at graduation.

21.0 FIRST - FOURTH YEAR WIRE-OFF / SKILLS CHALLENGE COMPETITIONS:

- 21.1 All students will take their mandatory second semester mid-term or first semester Late Start final exams. The semester (Late Start) and third quarter GPA (Regular Start) are the qualifier for the 1st – 4th year Wire-Off and Skills Challenge Competitions. Competition percentage will consist of 70% in class students and 30% online students that will be chosen for competition.
- 21.2 The top students will be chosen to participate in a constructed lab that follows what the student has learned throughout their respective school year.

- 21.3 Contestants to compete in the Wire-Off and Skills Challenge Competitions will be notified in person or by mail of their selection. If for some reason an invited contestant cannot compete in the Wire-Off, the next most qualified student will be selected from the list.
- 21.4 The selection of the students will be final. Selection for participation in the Wire-Off and Skills Challenge Competitions will include the following criteria: results of written test and conduit bending project along with experience in all areas of the electrical trade. Each participant must have no more than six years in the trade.
- 21.5 Each participant in the Wire-Off and Skills Challenge Competitions will receive a prize. The top 4th year contestant will then compete at the IEC National Convention, as a representative of the IECRM. There, the contestant will compete against the best of the other IEC Chapters throughout the country. Non-members may participate in the local IECRM Wire-Off but will not move on to the National Competition if declared the winner, the next highest placing member will then be sent.
- 21.6 First Year – 1st place winner, Second Year – 1st and 2nd place winner, Third Year, 1st, 2nd and 3rd place winner will be invited to attend IEC National Convention provided that they are currently enrolled as a student in the IECRM Apprenticeship Program at the time of the conference event.

22.0 MATH ASSESSMENT:

- 22.1 Before new students can attend any IECRM Apprenticeship classes, they must pass the IECRM Math Assessment with a score of 70% or better.
- 22.2 Any student that has failed the Math Assessment will not be allowed to attend scheduled classes until they have successfully completed the IECRM 12 hour Math Module class. Those who fail the Math Module will be unenrolled from the current school year and will be required to attend the next scheduled Math Module class in order to re-enroll for their Apprenticeship classes.

23.0 FIRST NIGHT OF CLASS

- 23.1 New Student Orientation for classroom students will be scheduled the week before classes begin and held at the Main Northglenn Campus. This class is mandatory for all new students. See Appendix A for scheduled dates.
- 23.2 Student Orientation for 1st-4th year Live-Online students will be scheduled the week before classes begin and held online. This class is mandatory for all online students. See Appendix A for scheduled dates.
- 23.3 Book Distribution will be scheduled prior to the first night of class. See Appendix A for scheduled dates. **All paperwork must be complete** in order to receive books. Students must present the following:
 - 23.3.1 Permanent Resident Card if applicable
 - 23.3.2 Current Address
 - 23.3.3 Current Phone Number
 - 23.3.4 Email information
 - 23.3.5 Employer information
 - 23.3.6 Emergency contact information
 - 23.3.7 Tuition Payment
 - 23.3.8 Books Payment

Students will not be given books until all paperwork is completed and payments are made!

- 23.4 Your instructor will go over the IECRM Student Handbook on the first night of class.
- 23.5 Your instructor will also go over all platforms and assist with logging in to systems.

24.0 STUDENT COMMUNICATIONS

- 24.1 Communication from the IECRM Training Office will come from Student Support Services. Email any questions or concerns to StudentHelp@iecrm.org.
- 24.2 Students will be asked to Opt-in to receive text messages from 38009. The Training Office will use this method in conjunction with email communications.

25.0 EMILY GRIFFITH TECHNICAL COLLEGE (EGTC)

- 25.1 IECRM is affiliated with EGTC. All new students must register by filling out the new student EGTC form. Students not completing the EGTC form will not receive credit or transcripts from EGTC.
- 25.2 Students are required to complete the EGTC form for enrollment to ensure proper documentation of course credits.**
- 25.3 EGTC form must be completed before books can be issued.
- 25.4 Any student that graduates from the IECRM Apprenticeship Program will be eligible to receive up to 45 credit hours towards an Associates of Applied Science Degree from a Community College of Colorado in Technology from EGTC.
- 25.5 These credits can be transferred to any community college in Colorado. Graduated Apprentices may also choose to transfer a portion of these credits to A.A.S. degrees such as Construction Management, Renewal Technology or Architectural Drafting.
- 25.6 In addition, any student that graduates IECRM will also receive 53 credit hours to be used at CSU Global towards a Bachelor's Degree.
- 25.7 IEC National also offers ACE credits. Contact the Training Office for more information.
- 25.8 EGTC and IECRM credits are intended to work simultaneously.
- 25.9 Any students that have questions about how to use these credits to enhance their education may contact the Training Office for more information.

26.0 DISCLAIMER

- 26.1 This Handbook may be adjusted or modified anytime during the school year. A notice will be sent out to students and contractors of any changes that may occur.
- 26.2 By enrolling at IECRM, you will be added to our member and student communications via mail, email, and text. To opt out of any of these, please contact info@iecrm.org. Occasionally, IECRM will take photographs of its members, students, and facility for promotional use. By enrolling at IECRM, your image may be used in promotional materials.
- 26.3 **COVID-19** - IECRM will follow CDC and the State of Colorado protocols regarding COVID-19 pandemic. These policies are subject to change as new developments arise. Please contact IECRM with any questions on the latest policies and procedures.

Tuition Fees and Book Fees for Apprenticeship Program

Member				
Student Kit		B4 Tax	Tax 8.75%	Total
First Year	Curriculum, Workbook, EWR 20e, Cengage, Ideal Bender, IECRM Delmars, Calculator	\$565.78	\$49.51	\$615.29
Second Year	Curriculum, Workbook, ES 2020 NEC- ATP	\$359.19	\$31.43	\$390.62
Third Year	Curriculum, Workbook, EMC 5e, EG&B 6e, Blueprints	\$567.37	\$49.64	\$617.02
Fourth Year	Curriculum, Workbook, Guide to the 2020 NEC	\$433.05	\$37.89	\$470.94
Non-Member				
Student Kit		B4 Tax	Tax 8.75%	Total
First Year	Curriculum, Workbook, EWR 20e, Cengage, Ideal Bender, IECRM Delmars, Calculator	\$598.80	\$52.40	\$651.20
Second Year	Curriculum, Workbook, ES 2020 NEC- ATP	\$384.31	\$33.63	\$417.94
Third Year	Curriculum, Workbook, EMC 5e, EG&B 6e, Blueprints	\$607.92	\$53.19	\$661.11
Fourth Year	Curriculum, Workbook, Guide to the 2020 NEC	\$463.64	\$40.57	\$504.21
Meter: Member		190.73	16.69	207.42
Meter: Non-Member		195.73	17.13	212.86
NEC: Member		101.00	8.84	109.84
NEC: Non-Member		106.00	\$9.28	115.28
		Total Tuition Per Semester		
Early Registration	Fast Track			
Tuition-Mem= \$605.00	\$ 1,210.00		\$ 605.00	
Tuition-NM= \$855.00	\$ 1,710.00		\$ 855.00	
Registration				
Tuition-Mem= \$655.00	\$ 1,310.00		\$ 655.00	
Tuition-NM= \$930.00	\$ 1,860.00		\$ 930.00	
Fees included in tuition prices (DOE & Technology)				

APPENDIX A

IECRM Academic Calendar 2021-2022

<u>Date</u>	<u>Class</u>	<u>Location</u>	<u>Start Time</u>	<u>End Time</u>
June 2021				
6/14/2021	First Semester Registration Open - Early Member Only			
6/21/2021	First Semester Registration Open - ALL (Early Rate)			
July 2021				
7/6/2021	First Semester - Early Pricing Ends			
7/10/2021	CEU: NEC Changes	Northglenn Campus/Hybrid	8:00 AM	4:30 PM
Week of July 12th	Second Semester Late Start Classes End			
7/16/2021	First Semester Registration Ends			
7/16/2021	Placement Overview Class	Online	5:30 PM	9:30 PM
7/17/2021	CEU: Theory & Calculations - NEC Tables	Online	8:00 AM	12:30 PM
7/19, 20, 21, 2021	Math Module Hybrid	Northglenn Main Campus/Online	5:30 PM	9:30 PM
7/24/2021	CEU: Grounding & Bonding	Northglenn Campus/Hybrid	8:00 AM	4:30 PM
7/26/2021 - 8/30/2021	CEU: NFPA 72: Fire Alarm 1 - NICET Prep	Northglenn Campus	5:00 PM	9:00 PM
7/26-7/30, 2021	Book Pick Up by year - schedule to follow	Northglenn Main Campus	3:00 PM	6:00 PM
July 26-29, 2021	Back to School Night	Northglenn Main Campus	3:00 PM	6:00 PM
7/30/21	Online Orientation for all students		5:30 PM	7:30 PM
7/31/2021	CEU: Theory & Calculations - Basic Electrical Circuits	Northglenn Campus/Hybrid	8:00 AM	4:30 PM
August 2021				
Week of August 2, 2021	First Semester Begins			
8/14/2021	CEU: Wiring Methods	Ft. Collins Campus/Hybrid	8:00 AM	4:30 PM
8/21/2021	CEU: NFPA 70E	Northglenn	1:00 PM	5:00 PM
8/21/2021	CEU: NEC Changes	Ft. Collins Hybrid	8:00 AM	4:30 PM
8/28/2021	CEU: Theory & Calculations - Transformers	Northglenn Campus/Hybrid	8:00 AM	4:30 PM

8/30/2021	Late Start 1st Semester Registration Open - Early Member Only			
September 2021				
9/6/2021	HOLIDAY (Labor Day) - Monday classes will attend on Friday			
9/7/2021	Late Start 1st Semester Registration Open-ALL (Early Rate)			
9/8/2021	CEU: Colorado RW, JW & Master Licensing Preparation	Northglenn Campus/Hybrid	5:30 PM	9:30 PM
9/17/2021	Late Start 1st Semester - Early Pricing Ends			
9/18/2021	CEU: Grounding & Bonding	Ft. Collins Campus/Hybrid	8:00 AM	4:30 PM
9/18/2021	CEU: Basics of Electrical Blueprint Reading	Northglenn Campus	4:30 PM	8:30 PM
9/23/2021	CEU: CPR, First Aid & AED	Northglenn Campus	5:00 PM	9:00 PM
9/20-9/22, 2021	Math Module Hybrid	Northglenn Main Campus/Online		
9/24/21	Late Start 1st Semester Registration Ends			
9/29 & 9/30	Late Start Book Pick Up	Northglenn Main Campus		
October 2021				
10/1/21	Online Late Start New Student Orientation			
10/2/2021	CEU: Electrical Estimating	Northglenn Campus	4:30 PM	8:30 PM
10/9/2021	CEU: Project Management for Electricians	Online	4:30 PM	8:30 PM
Week of October 11th	Late Start Class Begins			
10/15/2021	CEU: NFPA 70e	Northglenn Campus	4:00 PM	8:00 PM
10/20/2021	CEU: Colorado RW, JW & Master Licensing Preparation	Northglenn Campus/Hybrid	5:30 PM	9:30 PM
10/30/2021	CEU: NEC Changes	Ft. Collins Campus/Hybrid	8:00 AM	4:30 PM
November 2021				
Week of November 8th	National Apprenticeship Week			
11/13/2021	CEU: Theory & Calculations - Basic Electrical Circuits	Northglenn Campus	8:00 AM	4:30 PM
11/19/2021	Make Up Opportunity			
11/20/2021	CEU: Grounding & Bonding	Northglenn Campus	8:00 AM	4:30 PM
11/22/2021	Second Semester Registration Opens			
Week of November 22nd	HOLIDAY (Thanksgiving) Break - Late Start only will attend this week			
December 2021				

12/3/2021	Second Semester Registration Early Pricing Ends			
12/4/2021	CEU: CEU: Theory & Calculations - Basics of Alternating Current	Northglenn Campus	8:00 AM	4:30 PM
Week of December 6th	First Semester Ends			
12/10/21	Student Holiday Party			
12/11/2021	CEU: Wiring Methods	Northglenn Campus	8:00 AM	4:30 PM
Dec. 13th - Dec. 31st	WINTER BREAK			
12/18/2021	CEU: Lighting Control	Northglenn Campus	8:00 AM	4:30 PM
12/23/2021	Second Semester Registration Ends			
January 2022				
Week of January 3rd	Second Semester Class Begins			
1/8/2022	CEU: Wiring Methods	Northglenn Campus	8:00 AM	4:30 PM
1/15/2022	CEU: Grounding & Bonding	Northglenn Campus	8:00 AM	4:30 PM
1/22/2022	CEU: NABCEP Grounding & Bonding - Solar (4hrs)	Northglenn Campus	8:00 AM	4:30 PM
1/29/2022	CEU: Basics of Electrical Blueprint Reading	Northglenn Campus	4:30 PM	8:30 PM
February 2022				
2/9/2022	CEU: Colorado RW, JW & Master Licensing Preparation	Northglenn Campus	5:30 PM	9:30 PM
2/12/2022	CEU: NEC Changes	Northglenn Campus	8:00 AM	4:30 PM
2/14/22	Second Semester Late Start Registration Opens			
2/19/2022	CEU: Project Management for Electricians	Northglenn Campus	4:30 PM	8:30 PM
2/25/2022	Second Semester Late Start Early Pricing Ends			
2/26/2022	CEU: Theory & Calculations - Motors	Northglenn Campus	8:00 AM	4:30 PM
Week of February 28th	Late Start 1st Semester Ends			
March 2022				
3/4/2022	Second Semester Late Start Registration Ends			
3/5/2022	CEU: Wiring Methods	Northglenn Campus	8:00 AM	4:30 PM
Week of March 7th	Spring Break			
Week of March 14th	Late Start 2nd Semester Begins			
3/17/2022	CEU: CPR, First Aid & AED	Northglenn Campus	5:00 PM	9:00 PM
3/23/2022	CEU: Colorado RW, JW & Master Licensing Preparation	Northglenn Campus	5:30 PM	9:30 PM
3/25/2022	CEU: NFPA 70e	Northglenn Campus	4:00 PM	8:00 PM
3/26/2022	CEU: Grounding & Bonding	Northglenn Campus	8:00 AM	4:30 PM

April 2022				
4/9/2022	CEU: NEC Changes	Northglenn Campus	8:00 AM	4:30 PM
4/16/2022	CEU: Theory & Calculations - Transformers	Northglenn Campus	8:00 AM	4:30 PM
4/23/2022	CEU: Wiring Methods	Northglenn Campus	8:00 AM	4:30 PM
4/29/2022	CEU: OSHA 10 (Day 1)	Northglenn Campus	2:00 PM	6:00 PM
4/30/2022	CEU: OSHA 10 (DAY 2)	Northglenn Campus	8:00 AM	4:00 PM
May 2022				
Week of May 2nd	Instructor Appreciation Week			
5/7/2022	CEU: Motor Control Fundamentals	Northglenn Campus	5:30 PM	9:30 PM
Week of May 9th	Regular Second Semester Ends			
5/14/2022	CEU: Grounding & Bonding	Northglenn Campus	8:00 AM	4:30 PM
5/18/2022	CEU: Colorado RW, JW & Master Licensing Preparation	Northglenn Campus	5:30 PM	9:30 PM
5/21/2022	CEU: Electrical Estimating	Northglenn Campus	4:30 PM	8:30 PM
June 2022				
6/1/2022	CEU: NABCEP Prep (16 hr)	Northglenn Campus	5:30 PM	9:30 PM
6/4/2022	Graduation	TBD		
6/4/2022	CEU: NEC Changes	Northglenn Campus	8:00 AM	4:30 PM
6/11/2022	CEU: Advanced Motor Controls	Northglenn Campus	5:30 PM	9:30 PM
6/13/2022	First Semester Registration Opens for Members Only			
6/20/2022	First Semester Registration for All Opens			
6/22/2022	CEU: Colorado RW, JW & Master Licensing Preparation	Northglenn Campus	5:30 PM	9:30 PM

Appendix B

IECRM Career College Introduction

Independent Electrical Contractors Rocky Mountain (IECRM) is a nonprofit organization and was established in 1981 in Denver, Colorado. Part of the IEC National association network, IECRM is the second largest membership chapter in the United States. With campuses in Northglenn, Ft. Collins, and online instruction in all four time zones, IECRM is the state of Colorado's largest electrical training school. The cornerstone program of IECRM is the Four-Year Electrical Apprenticeship Program. The institution has taught thousands of industry leaders throughout its 40-year history.

In addition to the Four-Year Electrical Apprenticeship Program, IECRM offers continuing education courses as well as courses each academic year approved by the Colorado Department of Regulatory Agencies (DORA). IECRM focuses on teaching professionals in the field how to perfect their skills through classroom instruction and hands-on work in electrical and solar laboratories. Courses are dedicated to serving the working professional and are offered primarily during evenings and on weekends for convenience.

IECRM continually increases the breadth of the job skill development courses offered at the educational institution; including all Continuing Education Units required for Licensure as well as other high demand courses to provide skills required by the industry. IECRM is focused on ensuring workers are more marketable with their skill sets to employers and keeping Colorado companies on job sites with their new skill sets.

IECRM is in a unique position in that the nonprofit teaches more than 2,300 apprentices in the region each year with the vast majority of those workers being employed during their training program. In addition, IECRM has supporting relationships with more than 215 companies throughout the area that actively seek trained individuals enrolled in the nonprofit training courses. A job seeker has a prime opportunity at IECRM to find employment if they are just entering the field or if they are incumbent workers looking to improve their marketable skills at the educational institution.

The IECRM Career College is governed by the IECRM Board of Directors and IECRM Board of Trustees. The IECRM Career College is overseen by Training Director, Paul Lingo.

Faculty and Administration Members

Marilyn Akers Stansbury, *Chief Executive Officer*
Paul Lingo, *Training Director*
Annette Gauna, *Training Manager*
Terri Reynolds, *Compliance Manager*
Misty Oberbeck, *Apprenticeship Coordinator*
Londell Jackson, *Education & Workforce Development Coordinator*
Mary Beth Armbruster, *Director of Operations and Membership Services*
Kori Hemans, *Chief Financial Officer*
Holly Andrews, *Office Manager*
Katie Shobe, *Marketing Manager*
John Cheslock, *Administrative Systems Support*
Penny Sorensen, *Administrative Specialist & Event Support*
Amy Montoya, *Special Projects*

Board Of Trustees

Cal	Blair
Jay	Commuso
Greg	Hall
Pete	Farreny
Jake	Jackson
Casey	Love
Bob	Purchase
Amy	O'Rourke

Board of Directors

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Leighland	Gutierrez
David	Jones
Brenda	Magee
Justin	Martin
David	Scott
Russell	Tafoya
Dennis	Walker
Robert	Watkins

Instructors

Jerry Barkeen	Kenneth Haack	Richard Mascarenas	Ben Richards
Cal Blair	Jim Hamilton	John McColl	Michele Rutt
Tom Blevins	Sean Headrick	Mike McDonald	TJ Scruggs
Rob Bowman	David Hendrix	Todd McGee	Paul Shelley
Tim Carney	Chris Hoag	Greg Meyers	Chris Shipp
Steve Cauley	Kurt Hose	Derek Montoya	Brian Slota
Jake Crossley	Jon Johanson	Luke Morrisette	Scott Sorensen
Jim Dempsey	Josh Johnson	Mike Nueschwanger	Scott Strasheim
Stevenson Deshommes	David Kohler	Kevin Padilla	Joe Tate
Scott Dorn	Mike Lempka	Chris Papp	Greg Thomas
Mark Ford	Cecil Lopeman	Josh Parker	Kevin West
David Foster	Glenn Mann	Ubaldo Perez	
Dave Giles			
Lab Support:			
Grady Gilmartin			
Career College Only:			
Rich Castellano	Jeff Magee		

Programs/Courses Offered

ALT = Alternative Energy Classes, APP = Apprenticeship Training, CAR = Career Training Classes, CON = Construction Skills Classes, ENT = Entry Level Skills Classes, LIC = Licensing Classes, LOW = Low Voltage Classes, SAF = Safety Classes

A \$10 Department of Higher Education Fee (DOE) is applied to all Apprenticeship courses.

A \$5 Department of Higher Education Fee (DOE) is applied to all Career College courses.

Apprenticeship Training:

Apprenticeship Freshman, 144 Hours, Course APP 101

Occupational Objective: First year apprentice program. This is the entry level for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with

community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Apprenticeship Freshman Live-Online, 144 Hours, Course APP 111

Occupational Objective: First year apprentice program, taught by a live instructor on-line. This is the entry level for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Apprenticeship Freshman Late Start, 144 Hours, Course APP 121

Occupational Objective: First year apprentice program that begins in November for the student that gets hired after first semester begins. This is the entry level for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Apprenticeship Freshman Live-Online Late Start, 144 Hours, Course APP 131

Occupational Objective: First year apprentice program, taught by a live instructor on-line that begins in October for the student that gets hired after the first semester begins. This is the entry level for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Apprenticeship Sophomore, 144 Hours, Course APP 201

Occupational Objective: Second year apprentice program. This level builds on the first year program for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Apprenticeship Sophomore Live-Online, 144 Hours, Course APP 211

Occupational Objective: Second year apprentice program taught by a live instructor on-line. This level builds on the first year program for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce

Apprenticeship Junior, 144 Hours, Course APP 301

Occupational Objective: Third year apprentice program. This level builds on the first and second year program for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Apprenticeship Junior Live-Online, 144 Hours, Course APP 311

Occupational Objective: Third year apprentice program taught by a live instructor on-line. This level builds on the first and second year program for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Apprenticeship Senior, 144 Hours, Course APP 401

Occupational Objective: Fourth year apprentice program. This level builds on the first, second and third year program for becoming an apprentice. With classes available at two campus locations and

through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Apprenticeship Senior Live-Online, 144 Hours, Course APP 411

Occupational Objective: Fourth year apprentice program taught by a live instructor on-line. This level builds on the first, second and third year program for becoming an apprentice. With classes available at two campus locations and through a virtual campus online, IECRM is the state of Colorado's largest electrical apprentice training school. IECRM strives to work with community organizations, government agencies, and for-profit businesses to leverage high-result programs for the local workforce.

Alternative Energy Classes:

NABCEP Entry Level Solar PV, 24 Hours, ALT 301

Occupational Objective: Launch your career in the solar PV industry! This NABCEP Entry Level solar PV course has long been the gateway to igniting your career in the solar market. IECRM provides five-weeks of expert solar PV instruction in terminology, safety, mathematics, code, system design, and basic troubleshooting. Upon completion of the course, all students will take the NABCEP Entry Level exam at IECRM. Examination fee is included in the course price. The credit hours of this course are recognized for those wishing to ultimately sit for the NABCEP Certified Installer examination.

NABCEP Advanced Solar PV Design, 24 Hours, ALT 302

Occupational Objective: This solar PV training opportunity further elaborates on Solar PV systems, including: proposals, site surveys, National Electrical Code (NEC), safety, advanced calculations, and Solar PV Job Task Analysis (JTA). The JTA contains a detailed listing of the vital skills and abilities for an installer of PV systems. The JTA is the core document of the NABCEP Solar PV Certified Installer Accreditation. The course work will be heavily focused on the leading practices known in the solar industry. It will also focus on solar specific elements included within the NEC. An IECRM Certificate of Completion and number of hours of instruction will be awarded to students completing this Course. This course contact hours are recognized for NABCEP Certified Installer course credit hours, in addition to current NABCEP Certified Installer continuing education recertification course hours.

NABCEP Certified Installer Test Preparation, 16 Hours, ALT 303

Occupational Objective: This comprehensive two-session "study hall" course is to prepare qualified candidates to take the NABCEP Certified Installer Exam. It is intended for those that have met the requirements to take the Certified PV Installer Exam. Materials presented in this course focus on testing strategies, skills and information needed to pass the NABCEP Installer Certification exam. Particular attention will be given to design calculations based on the 2020 National Electric Code. An IECRM Certificate of Completion and number of hours of instruction will be awarded to students successfully completing the course.

Career Training:

Basics of Electrical Blueprint Reading, 4 Hours, CAR 101

Occupational Objective: This 1/2 day seminar is a good starter for office staff, journeymen, estimators, sales professionals, and project managers. The course will cover all aspects of reading an electrical blueprint, including symbols, nomenclature, schedules, and specifications to a point so you will be able to look at a drawing and understand what the engineer/architect is trying to convey.

Construction Skills Classes:

Advanced Motor Controls, 24 Hours, CON 101

Occupational Objective: This advanced course builds on the Basic Motor Control class which introduced industrial process control, diagram and hands-on instruction. Advanced Motor Controls is an expert level course on the critical fundamentals of circuits and other key motor control applications. This in-depth course reinforces knowledge and expertise through real world illustrations of industrial applications. Special emphasis is placed on the development of highly attuned troubleshooting skills. The text book for this class includes an interactive CD-ROM to further enhance the course.

Basic Motor Controls, 16 Hours, CON 201

Occupational Objective: Motor controls are a very specific skill that has a tremendous demand from the marketplace. This detailed course introduces industrial process control, diagram and hands-on instruction of motor control fundamentals. Among a host of key skills necessary to succeed in this discipline, the course will help professionals understand basic motor control schematics. They will understand the equipment represented by the symbols in the schematics, and how motor controls are used in practical applications. Upon completion of the course, individuals will have gained confidence in the fundamentals of working with motor controls.

Electrical Estimating, 4 Hours, CON 301

Occupational Objective: Estimating projects correctly is one of the most critical parts of running a successful construction business. Individuals will learn how to use estimating tools, understand blueprints, and prepare a successful and profitable bid. This course will also review labor units, material costs, and writing a professional proposal. It is recommended that the student have some prior knowledge of estimating for this course.

Project Management, 4 Hours, CON 601

Occupational Objective: This course will cover the principles of commercial electrical estimating and project management. Individuals will learn the basics of managing an electrical project from breaking down an estimate, writing a proposal, contracts, tracking hours and materials, pricing and negotiating change orders, and collecting retention monies.

Licensing Classes:

Colorado RW, JW & Master Licensing Preparation, 24 Hours, LIC 101

Occupational Objective: This six-week course is for apprentice electricians preparing to take the Colorado RW or JW licensing exam or for Journeyman preparing to take their Master licensing exam! The course syllabus will provide attendees with a working knowledge of the 2020 National Electrical Code and covers:

- theory,
- multi-wire circuits,
- raceway and box fill calculations,
- conductor sizing and protection,
- motor and air conditioner calculations,
- voltage drop,
- dwelling services,
- commercial services and much more.

CPR, AED and First Aid, 4 Hours, LIC 201

Occupational Objective: This general course teaches infant, child and adult CPR as well as rescue breathing and choking. Also we discuss the #1 and #3 killers heart disease and strokes as well as instruction on proper use of the AED. This course will also include a digital reference book, qualification card and mannequin use. The First Aid portion of the course meets OSHA guidelines for industry and construction. This course covers all basics required for performing First Aid, some examples include seizures, diabetic emergencies, burns, bleeding, broken bones and more first aid emergencies. Each will receive two year certification through the American Safety and Health Institute, nationally recognized.

CEU NEC Changes, 8 Hours, LIC 301

Occupational Objective: This class provides an overview of the 2020 National Electric Code (NEC) changes. IECRM's CEU courses meet the criteria of the State Electrical Board Rule 9.7. In addition, this

course meets the criteria for continuing education recertification requirements of NABCEP Solar PV Certified Installers.

CEU Electrical Theory and Calculations, 8 Hours, LIC 401

Occupational Objective: This class provides an overview of Code Calculations and Ohm's Law based on the NEC. IECRM's CEU courses meet the criteria of the State Electrical Board Rule 9.7. In addition, this course meets the criteria for continuing education recertification requirements of NABCEP Solar PV Certified Installers.

CEU Grounding and Bonding, 8 Hours, LIC 501

Occupational Objective: This class provides an overview of Article 250 from the NEC, covering line and load side, grounding and bonding. IECRM's CEU courses meet the criteria of the State Electrical Board Rule 9.7. In addition, this course meets the criteria for continuing education recertification requirements of NABCEP Solar PV Certified Installers.

CEU NEC Wiring Methods, 8 Hours, LIC 601

Occupational Objective: This class provides an overview of Article 300 including different types of installations, raceways and the new requirements for conductors. IECRM's CEU courses meet the criteria of the State Electrical Board Rule 9.7. In addition, this course meets the criteria for continuing education recertification requirements of NABCEP Solar PV Certified Installers.

Low Voltage Classes:

Fire Alarm Class for NICET and Denver Component, 48 Hours, LOW 101

Occupational Objective: This NICET (Level I and II) preparation course is a must have for mastering professional fire alarm installation. In addition, this IECRM course supplements curriculum with City & County of Denver Fire Alarm Systems Licensing Program preparation. Whether you are an experienced Journeyman or Master Electrician, advanced level Apprentice, or Fire Alarm Specialist looking to advance your skills. The course will cover NFPA 101 (Life Safety Code), national, regional, state, local building codes, and other key information.

Safety Classes:

NFPA 70e 4 Hours, SAF 101

Occupational Objective: A safe workplace is everyone's responsibility. Field electricians and supervisors need to have a control of the safety issues that the NFPA 70E highlights. Electrical dangers such as shock, electrocution, electrical explosion, and arc blast will always be present on the job, but a proper electrical safety training program and strategies can minimize the likelihood of injuries and fatalities. Our NFPA 70E for Field Staff training focuses on the 2015 NFPA 70E arc flash electrical safety standard that addresses arc flash electrical safety requirements for employee workplaces that are necessary for the practical safeguarding of employees.

OSHA 10, 10 Hours, SAF 201

Occupational Objective: OSHA 10 is necessary on most electrical and solar PV job sites. This IECRM course provides workers, supervisors, and entry-level safety personnel with the tools necessary to effectively manage their work site safety and health. The OSHA 10-hour course is designed to gain a basic understanding of the OSHA requirements and will offer practical solutions to implementing safe work practices. This class will help establish a solid foundation for effective safety programs and regulatory compliance.

Topics covered during this course include: Introduction to OSHA, Focus Four Hazards in Construction (electrocution, falls, struck-by, caught-in/between), Health Hazards in Construction, Stairs/Ladders/Scaffolds, Cranes and Rigging, and Personal Protective Equipment. Upon successful completion of the course, an OSHA 10 certification card will be provided.

OSHA 30, 30 Hours, SAF 221

Occupational Objective: You need an OSHA 30 course and we've got the best solution for you! IECRM's targeted six-week training course designed for all in the construction industry. The OSHA 30 hour program is designed with the supervisor or more experienced safety person in mind. OSHA 30-Hour Construction opens by covering general information about OSHA, such as an overview of the department, handling inspections, and tips on how to locate specific regulations. The course then goes on to address each subpart of the OSHA Construction Standards, including:

- An In Depth Overview of OSHA Regulations
- Safety and Health Management
- OSHA "Focus Four" hazards
- Personal Protective Equipment (PPE)
- Confined Space Entry
- Ergonomics
- Cranes, Derricks, Hoists, Elevators, and Conveyors
- Industrial Vehicle Safety
- Excavations, and
- Hand/Power Tool Safety

Upon completion of the course, all participants receive an OSHA 30-Hour Construction Outreach DOL course completion card.

See **Educational Services** for more details on Programs/Courses offered.

Class Schedule

The Apprenticeship program classes are scheduled Monday – Thursday for 1st – 4th year and will be either held at the Northglenn, Ft. Collins, South Location or Online Campuses.

Students that enroll in the Career College meet at designated times throughout the year, depending on the length of the class.

In the event of heavy snow, school closures will be announced on Channel 9, via email, text message and the www.iecrm.org website. If the campus(s) have to be closed for any unforeseen reason, the IECRM staff will attempt to contact each employer and student via email.

Classes are not held on the following holidays: (Please see the calendar for a more detailed list of when the classes meet or are closed.

New Year's Eve	Labor Day
New Year's Day	Thanksgiving Day & the Friday following
Memorial Day	Christmas Eve
Independence Day	Christmas Day

Entrance Requirements

The school does not discriminate based on race, sex, religion, ethnic origin, or disability.

It is recommended that prospective students of the IECRM Career College have a high school diploma or equivalency diploma, however, it is not mandatory. Students must pass the Math Assessment. The Assessment is administered at IECRM. Students must pass the Assessment with at least a 70% or higher. Students that do not pass the test may take a 12 hour, 3 night Math Module, offered at IECRM, to aid in helping them pass a re-test. This testing is only required for the students entering the Apprenticeship School. Those that enter the Continuing Education program do not need to pass any tests. There may be some prerequisites for certain

Continuing Education classes and those prerequisites will be listed on the individual course description.

Enrollment

Prospective Career College students may enroll at designated times before each semester. Late enrollments will be accepted only two weeks into the course. There will be no late registration for Continuing Education classes and students may register for these classes at any time.

Postponement of Start Date

Postponement of a starting date, whether at the request of the school or the student, requires a written agreement signed by the student and the school. The agreement must set forth:

- a. Whether the postponement is for the convenience of the school or the student, and;
- b. A deadline for the new start date, beyond which the start date will not be postponed.

If the course is not commenced, or the student fails to attend by the new start date set forth in the agreement, the student may be entitled to an appropriate refund of tuition and fees (see Refund Policy) determined in accordance with the school's refund policy and all applicable laws and rules concerning the Private Occupational Education Act of 1981.

Employment Assistance

1. IECRM offers employment assistance to graduates, consisting of a Hire List. While assisting in your job search, we make no guarantee, expressed or implied, of future employment. Current law prohibits any school from guaranteeing job placement as an inducement to enroll students.
2. There is an online jobs board on the IECRM.org website, which can be reached by clicking the "Jobs" tab on the website. The postings are updated continually, please contact individual companies if you have questions about the position or anything else pertaining to the job postings.
3. IECRM produces a series of career and job fairs, generally in the spring, summer and fall. To find out about additional job fairs, please visit the IECRM website.

Attendance Requirements

The IECRM Electrical Apprentice Training Program is recognized by the Department of Labor and approved by the Office of Apprenticeship (OA). CFR 2929, code of the Federal Regulations requires strict monitoring of the attendance for each apprentice in the training program. Attendance is mandatory and it is the responsibility of the student to attend and participate in class. The Instructors, the IECRM Training Office and the employing contractors will closely monitor attendance.

Students are encouraged to keep absences to a maximum of (3) three per school year. Those who have accumulated MORE than three absences or 12 hours during the school year may be dropped from the program immediately with written notice. Any student dropped from the program but is otherwise in good standing with IECRM may re-enroll to repeat the entire semester. There are no excused absences. Classes missed due to work or personal matters will be counted as an absence. NOTE: Two tardies are equivalent to one absence.

Each student is required to complete a minimum of 144 hours of regularly scheduled classes each year. The school year consists of 36 regularly scheduled class sessions.

Progress Policy

In order for a student to pass from one semester to the next he/she must have a minimum combined average of 70%.

Students that fail the Final Exam or are below 70% on the combined average grade will be allowed to take a “make-up” exam one time only within 1 week of the end of the class. You must have a 70% or better on each semester's final exam in order to complete the semester.

Any student that fails a semester must retake that semester in order to continue.

Student grades will be based on a combined average of three different factors: exams, quizzes, and homework scores. This grade is referred to as the combined average and is calculated as follows:

The final semester grade is an average of the First and Second Quarter grades.

Mid-term and Final calculations are:

Exam Score	=	34%
Quiz Scores	=	33%
Homework score	=	33%

Grading System

Letter grades will be assigned to each overall percentage grade according to the following table:

100% - 93%	A	=	Exceptional
92% - 85%	B	=	Very good
84% - 75%	C	=	Good
74% - 70%	D	=	Poor
Below 70%	F	=	Very poor – Failing

At any time students may check their current grade, attendance and OJT hours. Please follow these simple instructions below:

1. Visit www.iecrm.org
2. Click on Flashpoint button (left hand side)
3. Login using your User ID and Password (see below)
4. Please change your password

Students enrolled in short-term/Career College courses will be issued a Certificate of Completion at course end.

Dismissal

Any student terminated from the program can have their position heard by the A&T Committee upon written request to the Training Director. Any decision by the Committee is final. The Committee meets on an “as needed” basis.

The Training Director may temporarily suspend students whose conduct is disruptive or unacceptable to the academic setting. After appropriate counseling, students who demonstrate IECRM Career College Student Handbook 2021-2022

a genuine desire to learn and conform to school standards of conduct, may be allowed to resume attendance. The director will review each case and decide upon re-admittance.

Facilities

The school's main campus is located at 11429 Pearl Street, Northglenn, CO 80233 and the North campus is located at 912 Smithfield Drive, Unit 1 & 2, Ft. Collins, CO 80524. Every effort has been made to provide IECRM students with a clean, safe, attractive place to attend class. It is everyone's responsibility to help maintain these facilities. Students and instructors will clean lab areas and return materials to storage areas when lab exercises have concluded. Anyone that deliberately damages or destroys IECRM property will be assessed a fee for the damages and dismissed from the program.

A break area is provided at each campus location. All snacks should be consumed in the designated break areas only. Please deposit trash and recyclables in the appropriate cans provided.

The furniture in the classrooms is arranged in a certain position for a specific reason. Please leave the furniture as you found it. If the instructor has you move the furniture for any reason, please return it to the original position at the end of class. Please do not sit on the tables as they may break.

All students are to park in the parking lots and use off street parking. Trash or recyclables should not be left in the parking lot. Please deposit any trash or recyclables in the dumpsters located by the student entrance.

Educational Services

Students must make up any class missed. There are a number of ways to make-up a class, through Educadium, coming to IECRM and taking a paper test, attending the Holiday Party, or attending the Wire-Off competition. Make-up(s) must be completed by the end of each quarter. At a higher price, they may be made up by semester. If a student has not made up the class by the semester, the student may not return for the next semester.

Previous Credits

Credits from another institution will be evaluated on a case-by-case basis. IECRM does not guarantee transferability of our credits to another institution unless there is a written agreement with another institution.

Apprenticeship councils do not accept training from trade schools for advanced placement if the program is in the apprenticeship area.

Student Complaints

Student complaints should be brought to the attention of the Training Director to attempt resolution. The Director and student are to follow the grievance procedures according to school policy printed in the school catalog. Note, the student may at any time, file a written complaint online with the Colorado Division of Private Occupational Schools at highered.colorado.gov/dpos or by requesting a complaint form at (303) 862-3001. All student complaints submitted to the Division must be in writing and shall be filed within two years after the student discontinues training at the school.

Student Grievance Procedure

If you feel that you have been wronged or treated unfairly, by a fellow student or instructor, please follow the procedures listed below. (See Example Below)

Good communication is very important to us and we want every student and instructor to feel safe while attending our school.

It may be necessary to contact you to get further details. Every reported incident will be taken seriously and will be kept in confidence.

Please email the completed form to paul@iecrm.org and the grievance committee will start the investigation process.

INCIDENT REPORT

Date: _____

Reporting Person: _____

Phone: _____

Date of Incident: _____

Time: _____

Location: _____

Description of Incident: (Please include names of individuals involved, nature of the incident, names & phone or contact information of witnesses. Provide as much detail as possible.)

Witnesses:

Name: _____

Phone: _____

Name: _____

Phone: _____

Name: _____

Phone: _____

I hereby acknowledge that the statements made herein are true and factual.

_____ Signature

_____ Print Your Name

Refund Policy

Students not accepted into the school are entitled to all monies paid. Students who cancel this contract by notifying the school within three (3) business days are entitled to a full refund of all tuition and fees paid. Students, who withdraw after three (3) business days, but before commencement of classes, are entitled to a full refund of all tuition and fees paid except the maximum cancellation charge of \$150.00 or 25% of the contract price, whichever is less. In the case of students withdrawing after commencement of classes*, the school will retain a cancellation charge plus a percentage of tuition and fees, which is based on the percentage of contact hours attended, as described in the table below. The refund is based on the official date of termination or withdrawal.

*Commencement of Classes is considered the week the semester begins.

Refund Table

<i>Student is entitled to upon withdrawal/termination</i>	Refund
Within first 10% of program (Weeks 1 - 2)	90% less cancellation charge
After 10% but within first 25% of program (Weeks 3 - 4)	75% less cancellation charge
After 25% but within first 50% of program (Weeks 5 - 9)	50% less cancellation charge
After 50% but within first 75% of program (Weeks 10 - 13)	25% less cancellation charge
After 75% (Lesson 14) [if paid in full, cancellation charge is not applicable]	NO Refund

1. All refunds will be made within 30 days of termination or withdrawal. The official date of termination or withdrawal of a student shall be determined in the following manner:
 - a. The date on which the school receives written notice of the student's intention to discontinue the training program.
 - b. The date on which the student violates published school policy, which provides for termination.
 - c. Should a student fail to return from an excused leave of absence, the effective date of termination for a student on an extended leave of absence or a leave of absence is the earlier of the date the school determines the student is not returning or the day following the expected return date.
 - d. Students are required to notify IECRM if they drop out of class. The date of dropping out begins from the date the school is formally notified.
 - e. Refunds to students who enroll but do not attend are subject to the guidelines outlined in the above Refund Table.
 - f. The refund will be given to whomever paid the initial tuition, either the contractor or student.
2. The student will receive a full refund of tuition and fees paid if the school discontinues a program/standalone course within a period of time a student could have reasonably completed it, and in the event the school ceases operation.
3. The policy for granting credit for previous training shall not impact the refund policy.
4. There will be NO credits for book fees after the books have been distributed and opened. Books are ordered based on registration. Unopened and undamaged kits may be returned no more than 45 days after the start of the student's scheduled 1st night of class. A credit will be issued to the payee for the cost of the books less a 20% restocking fee.

Important Dates for Apprenticeship

July							August							September						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
				1	2	3	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30		
October							November							December						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
					1	2		1	2	3	4	5	6				1	2	3	4
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31	
31																				
January							February							March						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
						1			1	2	3	4	5			1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28						27	28	29	30	31		
30	31																			
April							May							June						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
					1	2	1	2	3	4	5	6	7				1	2	3	4
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30		

- July 19-21 - Math Module
- July 26-29 - Book Pick-up
- July 30 - New Student Orientation
- The week of August 2 - Classes begin
- September 6 - No school - Monday classes will meet on Friday, September 10
- The week of September 27 - Mid-term Exams
- The week of October 11 - Late Start begins
- The week of November 8 - National Apprenticeship Week
- November 19 - Student Holiday Party
- The week of November 22 - Fall Break - No classes for Regular Start Classes. Late Start classes will meet on Monday.
- The week of December 6 - Final Exams (Reg. Start) & Mid-term Exams (Late Start)**
- December 13 - January 2 - Winter Break for all classes
- The week of January 3 - Classes Resume for all students
- The week of February 28 - Mid-term Exams (Reg. Start) & Final Exams (Late Start)
- The week of March 7 - Spring Break for all classes
- The week of March 14 - All classes resume (Start of 2nd semester Late Start)
- May 6 - Wire-Off
- The week of May 9 - Final Exams (Reg. Start) & Mid-term Exams (Late Start)**
- June 4 - 4th Year Graduation
- The week of July 11 - Final Exams (Late Start)