# 2021
# New Industry Credentials

Arizona CTE Quality Commission members,

There are nine new Industry credentials for your consideration.
The following Fact Sheets are for your approval of new Industry Credentials submitted to the Career and Technical Education unit of ADE. If approved by the CTE Quality Commission, these credentials will go before the State Board of Education to be approved and adopted for the College and Career Ready Index for A-F school letter grades and the AZ Industry Credential Incentive Funding Initiative.

# Arizona Coronal Polishing Certificate (AZCP) Fact Sheet

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|---|---|
| **Certifying Organizations** | The Arizona State Board of Dental Examiners and the Dental Assisting National Board (DANB) |
| **Name of Specific Credential** | Arizona Coronal Polishing Certificate (AZCP) |
| **Description of Credential named above** | The Arizona Coronal Polishing (AZCP) certificate is a three-part certification process that includes an application, exam, and skills affidavit. This certificate will allow a completer to perform coronal polishing procedures in Arizona under the general supervision of a licensed dentist or under the direct supervision of a licensed affiliated practice dental hygienist. Certificants will be able to perform dental polishing to remove soft deposits and dental stains. |
| **Entry-Level Annual Salaries** | $18,000 - $21,000 |
| **CTE Program Alignment** | Dental Assisting |

| Industry-Based Certification Requirements: Students | | | | | |
|---|---|---|---|---|---|
| **Standard / Curriculum** | The exam portion covers the CP Exam Outline. CP is also covered in the Dental Assisting Standards under standard 11.5. | | | | |
| **Testing Methodology (consists of two tests)** | **Paper?** | No | **Online – Cognitive portion** | Yes | **Performance Exams / Tests? Psychomotor portion** Yes |
| **Re-Testing (if available)** | **Re-Testing Procedures:** | If you have failed an exam, you may immediately submit a new application along with the fee and documentation (if required). State regulations may require additional coursework after failed attempts. Check with your state dental board for more information. No refunds. | **Max # of Attempts Allowed:** | Unlimited | |
| **Testing Details (including any age requirements / accommodations)** | No age requirements or accommodation. Exam: The exam is a 100-question test that students must complete within 75 minutes. Skills Affidavit: Students are required to complete the following Clinical Skills - ● Observe coronal polishing as part of oral prophylaxis in at least one (1) patient with permanent dentition.● Observe coronal polishing as part of oral prophylaxis in at least one (1) patient with primary and/or mixed dentition● Polishes coronal surfaces of teeth as part of oral prophylaxis in at least two (2) patients with permanent dentition.● Polishes coronal surfaces of teeth as part of oral prophylaxis in at least two (2) patients with primary and/or mixed dentition.It needs to be observed and signed by a Licensed Dentist/Course Provider/Educator. Application: The student then completes and applies for the certificate to DANB and pays the application fee. | | | | |

# Arizona Coronal Polishing Certificate (AZCP) Fact Sheet

| Industry-Based Certification Requirements: Teachers | | | | |
|---|---|---|---|---|
| **Instructor Certification Requirements (by certifying agency)** | Dental Assisting instructor required to be Coronal Polish Certified. | | | |
| **Proctoring / Test Security (if any)** | The exam is proctored at Pearson VUE testing centers. | | | |
| **Certification Tracking** | | | | |
| **Credentialing Documentation** | Dental Assisting National Board (DANB) | | | |
| **Certification Tracking System** | **Online Tracking System?** | Yes | **Details** | DANB tracks certification and allows for credentials to be searched on their site. |
| **Other Details** | **Expiration Timeline?** | This certificate does not expire. | | |
| **Certification Costs / Funding Sources** | | | | |
| **Cost Details** | The cost for the AZCP Exam is $245The cost of the AZCP Certificate Application is $50 | | | |
| **Re-test / Refund Policies** | If you have failed an exam, you may immediately submit a new application along with the fee and documentation (if required). State regulations may require additional coursework after failed attempts. Check with your state dental board for more information. No refunds. | | | |
| **For More Information** (must provide valid contact email and phone number for certifying agency) | | | | |
| **Certifying Agency Contact Info** | Dental Assisting National Board, Inc. 444 N. Michigan Ave., Suite 900 Chicago, IL 60611 Telephone: 1-800-367-3262 (or 312-642-3368) Arizona State Board of Dental Examiners1740 W Adams St #2470, Phoenix, AZ 85007Telephone: 602-242-1492 | | | |
| **Will certifying agency share their student level attainment data with ADE?** ☐ Yes ☐ No | | | | |

# Certified Apartment Maintenance Technician Fact Sheet

| Certifying Organizations | NAAEI-National Apartment Association Education Institute |
|---|---|
| Name of Specific Credential | Certified Apartment Maintenance Technician |
| Description of Credential named above | Earning the Certificate for Apartment Maintenance Technicians (CAMT) validates knowledge, enhances reputation and credibility, boosts confidence and earns respect. The CAMT program is accredited by the American National Standards Institute (ANSI), a private non-profit organization that administers and coordinates the U.S. voluntary standardization and conformity assessment system. |
| Entry-Level Annual Salaries | $38,000-$41,000 |
| CTE Program Alignment | Construction Technology |

| Industry-Based Certification Requirements: Students | | | | | |
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| Standard / Curriculum | NAAEI has developed the Certificate for Apartment Maintenance Technicians, training curriculum, and the subsequent exam to help apartment (hotel, residential) maintenance professionals obtain better knowledge of their roles and responsibilities and to prepare them to obtain the CAMT. Credential Training Course teaches the following: • Electrical Maintenance and Repair• Plumbing Maintenance and Repair• Heating Maintenance and Repair• Air Conditioning Maintenance and Repair• Appliance Maintenance and Repair• Interior and Exterior Maintenance and Repair• Online CAMT Soft Skills Training: A Day in the Life of a Maintenance Technician | | | | |
| Testing Methodology (consists of two tests) | Paper? | No | Online – Cognitive portion | Yes | Performance Exams / Tests? Psychomotor portion | Yes |
| Re-Testing (if available) | Re-Testing Procedures: | If you do not pass the exam, you may retake it during your candidacy period, and as many times as you wish. The retake exam fee is $55 per attempt. To schedule an exam retake, you will need a new exam eligibility code, available from your course provider. | Max # of Attempts Allowed: | 5 |
| Testing Details (including any age requirements / accommodations) | Candidates taking the exam in person at a local association or testing enter should arrive at least 30 minutes before the scheduled exam time. Candidates testing via LOP should log into the exam site at least 15 minutes before the scheduled exam time. If you are late for your exam appointment, you may have to test later or reschedule. You must bring a valid photo ID with signature. Note the following restrictions: Acceptable * Valid driver's license *Valid Passport *Government-issued ID *School ID with photo Not | | | | |

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| | Acceptable: Gym membership card * Warehouse membership card * Any identification with signature only * Credit card    If you are taking the exam at a local association's office, you will receive scratch paper and a pencil to use while you are taking the exam. Exam proctors will collect the scratch paper and pencil when you are finished taking the exam. No exam materials may be taken from the testing location. LOP candidates will have to present their valid proof of identification to their online proctor. LOP candidates may bring two blank pieces of paper and a pencil to use during the exam. An on-screen calculator will also be available. Do NOT bring to the exam: • Books or reference materials• Food and drink• Advanced calculators (You MAY bring a basic calculator.) • Weapons/personal defense items• Cell phones or pagers• Other electronic devices to arrange for an exam accommodation, you must submit an acceptable request to the Director of Credentialing of NAAEI as soon as possible or within thirty (30) days before your preferred date of the exam. Please use the Request for Accommodation Form at the back of this book. It is also available online.☐ Exam accommodations typically include: • Extended time to complete the exam (time and a half to double time); • Permission to use the candidate's adapting equipment- such as a magnifier; • An exam reader or a scribe; and • Another accommodation recommended by the professional documenting the disability the NAAEI considers reasonable. ☐ |
| **Industry-Based Certification Requirements: Teachers** ||
| **Instructor Certification Requirements (by certifying agency)** | There are not specific instructor requirements. Ideally, they would come from the property management industry, but otherwise someone with a background in the construction trades and who has solid facilitation experience. If possible, a new instructor could sit through a class being taught and earn the CAMT credential themselves while learning best practices from an experienced instructor. |
| **Proctoring / Test Security (if any)** | All NAAEI examinations are proctored. Candidates may take their exams either online utilizing live online proctoring (LOP); at a Scantron testing center, or onsite at their local apartment association. |
| **Certification Tracking** ||
| **Credentialing Documentation** | If you pass your exam and have completed all other credential program requirements, you will be granted a CAMT certificate. You will receive an e-mailed invitation from certs@naahq.org to obtain your digital badge and print out your certificate and wallet card on the Badgecert.com website – NAAEI's provider of digital badging. A digital badge is a visual indicator of achievement and enables a certificate holder to share this accomplishment through social media, email, websites, and digital resumes. The digital badge may be placed on a resume or in the email signature line. It features the badge's issuing organization, the type of certificate earned, its expiration date, and the knowledge and skills it confirms. Additionally, your name will be added to an online directory on the NAA website. The certificate holder, and other invested parties, may access this directory to determine the validity of a certificate. Please note: If you did not provide the date when you started working in the industry during the enrollment process, it means that you have NOT completed all the requirements of the program, and you will NOT obtain your certificate. It is then up to you to initiate action, contact NAAEI and complete this requirement. NOTE: Obtaining the CAMT certificate does NOT |

# Certified Apartment Maintenance Technician Fact Sheet

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| | make the certificate holder "licensed" or "certified" for any activities. The CAMT designation means only that an individual took the CAMT training course and passed the assessment following it. | | | |
| **Certification Tracking System** | **Online Tracking System?** | Yes | **Details** | The instructor has access to an online system which tells who is CAMT certified. Also, at the NAAEI, they can look up completers. |
| **Other Details** | **Expiration Timeline?** | CAMT certificate holders are not required to submit a yearly renewal fee or report Continuing Education Credits (CECs). Instead, all CAMT certificate holders are granted a one-year membership in the Apartment Institute for Maintenance Excellence (AIME). As a member, you will be acknowledged as a leader in your field and can prove that you are tuned in to the most up-to-date information available. Retaining your membership in AIME beyond the first year is both optional and simple. NAAEI annually develops three hours of topical maintenance and other training that will keep your skills up-to-date and will demonstrate to your employer or future employer your commitment to Apartment Maintenance Excellence. To be an AIME member in good standing, CAMT certificate holders must complete three hours of continuing education and pay dues each year to continue their membership. **once students have enrolled with NAAEI, they become a candidate in the CAMT certificate program. Each candidacy period is 6 months. Within this time period, all requirements of the program must be met, and the certificate must be obtained. If for any reason a student has not obtained their certificate within the 6-month candidacy period, the enrollment expires. A candidate can extend this period by 6 months for a fee of $75 per year of expiration. | | |

## Certification Costs / Funding Sources

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|---|---|
| **Cost Details** | Program fee: determined by course provider; usually ranges between $800 and $1,000 Exam Retesting Fee: $55.00 Apartment Institute for Maintenance Excellence (AIME) Membership (optional) Annually five hours of approved continuous education (waived for the first year) plus $50 renewal dues. **once students have enrolled with NAAEI, they become a candidate in the CAMT certificate program. Each candidacy period is 6 months. Within this time period, all requirements of the program must be met, and the certificate must be obtained. If for any reason a student has not obtained their certificate within the 6-month candidacy period, the enrollment expires. A candidate can extend this period by 6 months for a fee of $75 per year of expiration. |
| **Re-test / Refund Policies** | If you do not pass the exam, you may retake it during your candidacy period, and as many times as you wish. The retake exam fee is $55 per attempt. To schedule an exam retake, you will need a new exam eligibility code, available from your course provider |

## For More Information
**(must provide valid contact email and phone number for certifying agency)**

# Certified Apartment Maintenance Technician Fact Sheet

| **Certifying Agency Contact Info** | National Apartment Association Education Institute 4300 Wilson Boulevard, Suite 400, Arlington, VA 22203 1-833-86-MYNAA education@naahq.org |
|---|---|
| **Will certifying agency share their student level attainment data with ADE?** | ☐ **Yes**　☐ **No** |

# Google Data Analytics Certificate
# Fact Sheet

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|---|---|
| **Certifying Organizations** | Google |
| **Name of Specific Credential** | Google Data Analytics Certificate |
| **Description of Credential named above** | The Google Data Analytics Certificate provides instruction and feedback for learners hoping to earn a position as an entry-level data analyst. Through practical, hands-on assignments and projects, learners will develop confidence using a series of tools and platforms including spreadsheets, SQL, Tableau, R, and more. Learners in this specialization will complete a series of courses to gain the practical, job-ready skills. |
| **Entry-Level Annual Salaries** | $67,000 |
| **CTE Program Alignment** | Electronic Technologies, Automation and Robotics, Software and App Design, Network Security, Engineering |

| Industry-Based Certification Requirements: Students | | | | | |
|---|---|---|---|---|---|
| **Standard / Curriculum** | There are eight courses in this certificate: ● Course 1: Foundations: Data, Data, everywhere● Course 2: Ask Questions to Make Data-Driven Decisions● Course 3: Prepare Data for Exploration● Course 4: Process Data from Dirty to Clean● Course 5: Analyze Data to Answer Questions● Course 6: Share Data Through the Art of Visualization● Course 7: Data Analysis with R Programming● Course 8: Google Data Analytics Capstone: Complete a Case Study | | | | |
| **Testing Methodology (consists of two tests)** | **Paper?** | No | **Online – Cognitive portion** | Yes | **Performance Exams / Tests? Psychomotor portion** Yes |
| **Re-Testing (if available)** | **Re-Testing Procedures:** | Learners may retake quizzes | **Max # of Attempts Allowed:** | 3 | |
| **Testing Details (including any age requirements / accommodations)** | Minimum age 16. For practice assessments, there is no limit. For graded assessments, students can retake the assessment 3 times every 24 hours. | | | | |

| Industry-Based Certification Requirements: Teachers | |
|---|---|
| **Instructor Certification Requirements (by certifying agency)** | Instructors should be familiar with the content and topics covered within the Certificate. Instructors are determined by each school or district. |
| **Proctoring / Test Security (if any)** | None |

| Certification Tracking | |
|---|---|
| **Credentialing Documentation** | Students who complete the program will be eligible to receive a completion badge through Credly, which can be shared on platforms like LinkedIn. |

# Google Data Analytics Certificate
## Fact Sheet

| Certification Tracking System | Online Tracking System? | No | Details | N/A |
|---|---|---|---|---|
| Other Details | Expiration Timeline? | The certificate does not expire | | |

| Certification Costs / Funding Sources | |
|---|---|
| Cost Details | There is no cost to schools |
| Re-test / Refund Policies | There is no cost to schools, and as such, a refund is not applicable. |

| For More Information (must provide valid contact email and phone number for certifying agency) | |
|---|---|
| Certifying Agency Contact Info | Ricki Meyer, rickim@google.com |

| Will certifying agency share their student level attainment data with ADE? ☐ Yes  X **No** |
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# Google IT Support Certificate Fact Sheet

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|---|---|
| **Certifying Organizations** | Google |
| **Name of Specific Credential** | Google IT Support Certificate |
| **Description of Credential named above** | Learn to perform day-to-day IT support tasks including computer assembly, wireless networking, installing programs, and customer service. To use systems including Linux, Domain Name Systems, Command-Line Interface, and Binary Code. to provide end-to-end customer support, ranging from identifying problems to troubleshooting and debugging. |
| **Entry-Level Annual Salaries** | $41,000 |
| **CTE Program Alignment** | Technology Devices maintenance, Software and App Design, Network Security |

| Industry-Based Certification Requirements: Students | | | | | |
|---|---|---|---|---|---|
| **Standard / Curriculum** | There are five courses included in the certificate: ● Course 1: Technical Support Fundamentals● Course 2: The Bits and Bytes of Computer Networking● Course 3: Operating Systems and You: Becoming a Power User● Course 4: System Administration and IT Infrastructure Services● Course 5: IT Security: Defense against the digital dark arts | | | | |
| **Testing Methodology (consists of two tests)** | **Paper?** | No | **Online – Cognitive portion** | Yes | **Performance Exams / Tests? Psychomotor portion** Yes |
| **Re-Testing (if available)** | **Re-Testing Procedures:** | Learners may retake quizzes | **Max # of Attempts Allowed:** | 3 | |
| **Testing Details (including any age requirements / accommodations)** | Students must be 16 years of age or older to access the platform. | | | | |

| Industry-Based Certification Requirements: Teachers | |
|---|---|
| **Instructor Certification Requirements (by certifying agency)** | Instructors should be familiar with the content and topics covered within the Certificate. Instructors are determined by each school or district. |
| **Proctoring / Test Security (if any)** | None |

| Certification Tracking | |
|---|---|
| **Credentialing Documentation** | Students who complete the program will be eligible to receive a completion badge through Credly, which can be shared on platforms like LinkedIn. |

# Google IT Support Certificate
# Fact Sheet

| Certification Tracking System | Online Tracking System? | No | Details | N/A | |
|---|---|---|---|---|---|
| Other Details | Expiration Timeline? | The certificate does not expire | | | |

| Certification Costs / Funding Sources | |
|---|---|
| Cost Details | There is no cost to schools |
| Re-test / Refund Policies | There is no cost to schools, and as such, a refund is not applicable. |

| For More Information
(must provide valid contact email and phone number for certifying agency) | |
|---|---|
| Certifying Agency Contact Info | Ricki Meyer, rickim@google.com |
| **Will certifying agency share their student level attainment data with ADE?** ☐ **Yes**  X **No** | |

# Google Project Management Certificate
# Fact Sheet

| Certifying Organizations | Google |
|---|---|
| Name of Specific Credential | Google Project Management Certificate |
| Description of Credential named above | project managers successfully start, plan, and execute a project using both traditional and agile project management approaches to solving problems, working with people, and organizations |
| Entry-Level Annual Salaries | $59,000 |
| CTE Program Alignment | Business Operations, Engineering |

| **Industry-Based Certification Requirements: Students** | | | | | |
|---|---|---|---|---|---|
| Standard / Curriculum | There are six courses in this certificate: ● Course 1: Foundations of Project Management● Course 2: Project Initiation: Starting a Successful Project● Course 3: Project Planning: Putting It All Together● Course 4: Project Execution: Running the Project● Course 5: Agile Project Management● Course 6: Applying Project Management in the Real World | | | | |
| Testing Methodology (consists of two tests) | **Paper?** | No | **Online – Cognitive portion** | Yes | **Performance Exams / Tests? Psychomotor portion** | Yes |
| Re-Testing (if available) | **Re-Testing Procedures:** | Learners may retake quizzes | **Max # of Attempts Allowed:** | 3 | |
| Testing Details (including any age requirements / accommodations) | Students must be 16 years old or older. - For practice assessments, there is no limit. - For graded assessments, students can retake the assessment 3times every 8hours. - Peer reviews do not have a retake limit; learners can resubmit their assignments at any time. | | | | |

| **Industry-Based Certification Requirements: Teachers** | |
|---|---|
| Instructor Certification Requirements (by certifying agency) | Instructors should be familiar with the content and topics covered within the Certificate. |
| Proctoring / Test Security (if any) | None |

| **Certification Tracking** | | | |
|---|---|---|---|
| Credentialing Documentation | Students who complete the program will be eligible to receive a completion badge through Credly, which can be shared on platforms like LinkedIn. | | |
| Certification Tracking System | **Online Tracking System?** | No | **Details** | N/A |

# Google Project Management Certificate
# Fact Sheet

| Other Details | Expiration Timeline? | The certificate does not expire |
|---|---|---|
| **Certification Costs / Funding Sources** | | |
| Cost Details | There is no cost to schools | |
| Re-test / Refund Policies | There is no cost to schools, and as such, a refund is not applicable. | |
| **For More Information** <br> **(must provide valid contact email and phone number for certifying agency)** | | |
| Certifying Agency Contact Info | Ricki Meyer, rickim@google.com | |
| **Will certifying agency share their student level attainment data with ADE?** ☐ **Yes** X **No** | | |

# Google UX Design Certificate
# Fact Sheet

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|---|---|
| **Certifying Organizations** | Google |
| **Name of Specific Credential** | Google UX Design Certificate |
| **Description of Credential named above** | User Experience (UX) designers focus on the interaction that users have with products, like websites, apps, and physical objects. You will create designs on paper and in digital design tools like Figma and Adobe XD. By the end of the certificate program, you will have a professional UX portfolio that includes three end-to-end projects. |
| **Entry-Level Annual Salaries** | $58,000 |
| **CTE Program Alignment** | Software and App Design, Digital Animation, Digital Communication, Graphic Design, Network Security |

| Industry-Based Certification Requirements: Students | | | | |
|---|---|---|---|---|

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|---|---|---|---|---|
| **Standard / Curriculum** | There are seven courses in this Certificate: ● Course 1: Foundations of User Experience (UX) Design● Course 2: Start the UX Design Process: Empathize, Define, and Ideate● Course 3: Build Wireframes and Low-Fidelity Prototypes● Course 4: Conduct UX Research and Test Early Concepts● Course 5: Create High-Fidelity Designs and Prototypes in Figma● Course 6: Responsive Web Design in Adobe XD● Course 7: Design a User Experience for Social Good & Prepare for Jobs | | | |
| **Testing Methodology (consists of two tests)** | **Paper?** | No | **Online – Cognitive portion** | Yes | **Performance Exams / Tests? Psychomotor portion** | Yes |
| **Re-Testing (if available)** | **Re-Testing Procedures:** | Learners may retake quizzes | **Max # of Attempts Allowed:** | 3 |
| **Testing Details (including any age requirements / accommodations)** | 16 years or older. For practice assessments, there is no limit. - For graded assessments, students can retake the assessment 3times every 8hours. - Peer reviews do not have a retake limit; | | | |

| Industry-Based Certification Requirements: Teachers | |
|---|---|

| | |
|---|---|
| **Instructor Certification Requirements (by certifying agency)** | Instructors should be familiar with the content and topics covered within the Certificate. |
| **Proctoring / Test Security (if any)** | None |

| Certification Tracking | |
|---|---|

| | |
|---|---|
| **Credentialing Documentation** | Students who complete the program will be eligible to receive a completion badge through Credly, which can be shared on platforms like LinkedIn. |

# Google UX Design Certificate
# Fact Sheet

| Certification Tracking System | Online Tracking System? | No | Details | N/A |
|---|---|---|---|---|
| Other Details | Expiration Timeline? | The certificate does not expire | | |

| **Certification Costs / Funding Sources** | |
|---|---|
| Cost Details | There is no cost to schools |
| Re-test / Refund Policies | There is no cost to schools, and as such, a refund is not applicable. |

| **For More Information**<br>**(must provide valid contact email and phone number for certifying agency)** | |
|---|---|
| Certifying Agency Contact Info | Ricki Meyer, rickim@google.com |

| Will certifying agency share their student level attainment data with ADE?  ☐ **Yes**   X **No** |
|---|

# Mine Safety and Health Administration Part. 48 Fact Sheet

| Certifying Organizations | Mine Safety and Health Administration |
|---|---|
| Name of Specific Credential | Mine Safety and Health Administration Part. 48 |
| Description of Credential named above | With the MSHA Part 48 credential students are qualified to begin working at the surface level at any mine. The credential focuses on safety and work hazards specific to mines and specific work protocols (i.e., Movement of equipment, flagging rules) necessary at a mining site. |
| Entry-Level Annual Salaries | $30,000-$40,000 |
| CTE Program Alignment | Heavy Equipment Operation |

| Industry-Based Certification Requirements: Students | | | | | |
|---|---|---|---|---|---|
| Standard / Curriculum | The MSHA Part 48 curriculum includes introduction to work environment, recognition and avoidance of electrical hazards, emergency medical procedures, health, and safety aspects of the tasks to be assigned, authority and responsibilities of supervisors and miners, rules, and procedures for reporting hazards, first aid. | | | | |
| Testing Methodology (consists of two tests) | Paper? | Yes | Online – Cognitive portion | No | Performance Exams / Tests? Psychomotor portion | No |
| Re-Testing (if available) | Re-Testing Procedures: | Yes, retesting is available. | Max # of Attempts Allowed: | 3 |
| Testing Details (including any age requirements / accommodations) | Students are eligible at 16 years old. Students must pass written exams with at least a 70% | | | | |

| Industry-Based Certification Requirements: Teachers | |
|---|---|
| Instructor Certification Requirements (by certifying agency) | Instructor must have a MSHA Part 48 Trainer certification (blue card) |
| Proctoring / Test Security (if any) | Teacher may proctor the exam. |

| Certification Tracking | |
|---|---|
| Credentialing Documentation | Students receive the Mine and Safety Health Administration 50-23 paper documentation; student keeps one copy, and the instructor keeps two copies security filing system. |

# Mine Safety and Health Administration Part. 48 Fact Sheet

| Certification Tracking System | Online Tracking System? | No | Details | N/A |
|---|---|---|---|---|
| Other Details | Expiration Timeline? | 365 days, it is an annual recertification 8-hour refresher training. | | |

| Certification Costs / Funding Sources | |
|---|---|
| Cost Details | There is no cost to students for the exam. |
| Re-test / Refund Policies | Students are allowed to retest up to 3 times. |

| For More Information (must provide valid contact email and phone number for certifying agency) | |
|---|---|
| Certifying Agency Contact Info | Tim Wood, Certified Trainer #M60675320, 406-647-2914. |

**Will certifying agency share their student level attainment data with ADE?**  ☐ Yes  ☐ No

# Smart Automation Certification Alliance (SACA)
# Certified Industry Associate Level 1
# Fact Sheet

| Certifying Organizations | Smart Automation Certification Alliance (SACA) | | | | |
|---|---|---|---|---|---|
| Name of Specific Credential | Smart Automation Certification Alliance (SACA) Certified Industry Associate Level 1 | | | | |
| Description of Credential named above | Basic Operations certification prepares individuals to succeed in operations and assembly positions in modern production environments | | | | |
| Entry-Level Annual Salaries | $40,000-$45,000 | | | | |
| CTE Program Alignment | Engineering, Automation and Robotics | | | | |
| **Industry-Based Certification Requirements: Students** | | | | | |
| Standard / Curriculum | Amatrol | | | | |
| Testing Methodology (consists of two tests) | **Paper?** | No | **Online – Cognitive portion** | Yes | **Performance Exams / Tests? Psychomotor portion** Yes |
| Re-Testing (if available) | **Re-Testing Procedures:** | Student must wait at least 24 hours between re-takes | **Max # of Attempts Allowed:** | 5 | |
| Testing Details (including any age requirements / accommodations) | After completion of Training Area, Individual will take Computer Based Exam followed by hands-on practical application. | | | | |
| **Industry-Based Certification Requirements: Teachers** | | | | | |
| Instructor Certification Requirements (by certifying agency) | 3-5 day training for instructors at regional training centers | | | | |
| Proctoring / Test Security (if any) | Each testing site will have a designated proctor who will be trained in the proper procedures of administering the exams. | | | | |
| **Certification Tracking** | | | | | |
| Credentialing Documentation | Individual will receive Certification of Completion after passing Exam from SACA. | | | | |
| Certification Tracking System | **Online Tracking System?** | Yes | **Details** | SACA Data Base will keep track of all Certifications and attempts of Exams. | |

# Smart Automation Certification Alliance (SACA)
# Certified Industry Associate Level 1
# Fact Sheet

| Other Details | Expiration Timeline? | No Expiration |
|---|---|---|

| **Certification Costs / Funding Sources** | |
|---|---|
| Cost Details | NO COST for Students. $500/High School, $1000/district, $2500/College |
| Re-test / Refund Policies | No charge for re-testing for student. |

| **For More Information**<br>**(must provide valid contact email and phone number for certifying agency)** | |
|---|---|
| Certifying Agency Contact Info | SACA (Smart Automation Certification Alliance). Jim Wall, jim.wall@saca.org, 703-609-1118 |
| **Will certifying agency share their student level attainment data with ADE?**   X Yes   ☐ No | |

# Trane Tech One
# Fact Sheet

| Certifying Organizations | Trane |
|---|---|
| Name of Specific Credential | Trane Tech One |
| Description of Credential named above | With the Trane Tech One credential students are qualified and prepared to immediately begin working in the HVAC industry as a Maintenance Technician, Installation Technician or Service Technician. Graduates can build upon this certification through community college, company, or product specific programs as well as enrolling in Trane Tech Two. |
| Entry-Level Annual Salaries | $35,000-$45,000 |
| CTE Program Alignment | Heating, Ventilation and Air Conditioning |

| Industry-Based Certification Requirements: Students | | | | | |
|---|---|---|---|---|---|
| Standard / Curriculum | Trane Tech One Curriculum consists of 13 modules, each with an exam that requires 70% or better to pass. At the end of all 13 modules there is a 100-question cumulative test which also requires 70% or better to pass. The curriculum is nationally accredited by NATE, Accreditation # 3002-0014. Please see accompanying documents regarding NATE. | | | | |
| Testing Methodology (consists of two tests) | Paper? | Yes | Online – Cognitive portion | No | Performance Exams / Tests? Psychomotor portion | Yes |
| Re-Testing (if available) | Re-Testing Procedures: | Yes, re-testing is available. Students will have the ability to retake each performance test after each attempt and students will have the ability to retake the final exam. | Max # of Attempts Allowed: | 3 | |
| Testing Details (including any age requirements / accommodations) | Students are eligible at 16 years old. Students must pass written exams with a score of 70% or better. Performance verifications are pass/fail and must be signed off by the certified instructor. For safety reasons, students should be able to lift 40lb – be able to see/hear and understand instructor/coworker/customer instruction. | | | | |

| Industry-Based Certification Requirements: Teachers | |
|---|---|
| Instructor Certification Requirements (by certifying agency) | Instructors have to have the necessary HVAC credentials to teach Trane Tech One certification. |
| Proctoring / Test Security (if any) | Teacher may proctor the exam in class unless district policy doesn't allow. |

| Certification Tracking |
|---|

# Trane Tech One
# Fact Sheet

| Credentialing Documentation | Trane Tech 1 | | | |
|---|---|---|---|---|
| **Certification Tracking System** | **Online Tracking System?** | No | **Details** | N/A |
| **Other Details** | **Expiration Timeline?** | Certification remains current upon completion. | | |

| Certification Costs / Funding Sources | |
|---|---|
| **Cost Details** | N/A |
| **Re-test / Refund Policies** | Students are allowed to retest up to 3 times at no cost. |

| For More Information (must provide valid contact email and phone number for certifying agency) | |
|---|---|
| **Certifying Agency Contact Info** | Trane – Eric Lander, General Manager Southwest Region - 2155 N. Forbes Blvd #103 Tucson, AZ 85745 – 520-989-5932. |
| **Will certifying agency share their student level attainment data with ADE?** ☐ Yes ☐ No | |