

## SCHOOL OF ADVANCED AND APPLIED TECHNOLOGIES

The School of Advanced and Applied Technologies is comprised of three departments. They offer a wide variety of programs leading to...

- Associate of Applied Science (AAS) degree
- Certificates of Achievement (CoA)
- Certificates of Completion (CoC)

...and preparing students to meet the high-tech training demands of Southern Nevada’s workforce.

The School offers courses on all CSN campuses, both during the day and evening with selected Saturday offerings. All programs emphasize hands-on learning along with theory and are offered in well-equipped classrooms and laboratories. Computer laboratory facilities, open seven days a week, are also available.

### Departments:

- Applied Technologies
- Computing and Information Technology
- Media Technologies

### Programs, Degrees, and Certificates:

#### DEPARTMENT OF APPLIED TECHNOLOGIES

##### Air Conditioning Technology Program

|     |  |    |
|-----|--|----|
| AAS | Air Conditioning .....   | 51 |
| CoA | Air Conditioning Technology .....                                | 53 |
| AAS | Air Conditioning – Central Plant .....                           | 54 |
| CoA | Air Conditioning – Central Plant .....                           | 55 |
| AAS | Air Conditioning – Critical Systems.....                         | 56 |
| CoA | Air Conditioning – Critical Systems.....                         | 58 |
| AAS | Air Conditioning Technology –<br>Food Service Refrigeration..... | 59 |
| CoA | Air Conditioning Technology –<br>Food Service Refrigeration..... | 61 |

##### Architectural Design Technology Program

|     |   |    |
|-----|---|----|
| AAS | Architectural Design Technology –<br>Interior Design .....    | 82 |
| AAS | Architectural Design Technology –<br>Residential Design ..... | 83 |

##### Automotive Technology Program

|     |   |    |
|-----|---|----|
| AAS | Automotive Technology –<br>Alternative Fuels and Hybrid Technician..... | 87 |
| AAS | Automotive Technology – Collision Repair.....                           | 88 |
| CoA | Collision Repair .....  | 89 |
| CoA | Automotive Technology – Diagnostic Specialist .....                     | 90 |
| CoA | Automotive Technology – Heavy-Line Specialist .....                     | 91 |
| AAS | Automotive Technology – Master Technician .....                         | 92 |
| AAS | Automotive Technology –<br>Performance Technician .....                 | 93 |
| AAS | Automotive Technology – Service Technician .....                        | 94 |
| CoA | Auto Maintenance and Light Repair.....                                  | 95 |

##### Aviation Technology Program

|     |   |    |
|-----|---|----|
| AAS | Aviation Technology – Flight Operations ..... | 96 |
| AAS | Aviation Technology – Professional Pilot..... | 97 |
| CoA | Aviation Technology.....                      | 98 |

##### CADD Technology Program

|     |                       |     |
|-----|-----------------------|-----|
| CoA | CADD Technology ..... | 106 |
|-----|-----------------------|-----|

##### Construction Management Program

|     |                               |     |
|-----|-------------------------------|-----|
| AAS | Construction Management ..... | 138 |
|-----|-------------------------------|-----|

##### Diesel Heavy Equipment Program

|     |  |     |
|-----|--|-----|
| AAS | Diesel Heavy Equipment Master Technician .....         | 169 |
| CoA | Diesel Heavy Equipment<br>Maintenance Technician ..... | 170 |

##### Engineering Technology Program

|     |  |     |
|-----|--|-----|
| AAS | Engineering Technology – Bench Technician.....                           | 189 |
| AAS | Engineering Technology –<br>Biomedical Equipment Technician.....         | 191 |
| AAS | Engineering Technology –<br>Defense Contractor Technician .....          | 193 |
| CoA | Engineering Technology – Electronics.....                                | 195 |
| AAS | Engineering Technology – Industrial .....                                | 196 |
| CoA | Engineering Technology – Industrial .....                                | 197 |
| CoA | Engineering Technology – Management.....                                 | 198 |
| AAS | Engineering Technology – Operations .....                                | 199 |
| CoA | Engineering Technology – Operations .....                                | 200 |
| AAS | Engineering Technology – Power Utility –<br>Electrical Maintenance ..... | 201 |
| CoA | Engineering Technology – Power Utility –<br>Electrical Maintenance ..... | 203 |
| AAS | Engineering Technology – Power Utility –<br>Mechanical Maintenance ..... | 204 |
| CoA | Engineering Technology – Power Utility –<br>Mechanical Maintenance ..... | 206 |
| AAS | Engineering Technology – Power Utility –<br>Plant Operation .....        | 207 |
| CoA | Engineering Technology – Power Utility –<br>Plant Operation .....        | 209 |
| AAS | Engineering Technology – Self-Service<br>Device Technicians.....         | 210 |
| CoA | Engineering Technology – Slot Repair.....                                | 212 |
| AAS | Engineering Technology –<br>Slot Technology Technicians .....            | 213 |
| AAS | Telecommunications .....   | 215 |
| CoA | Telecommunications .....   | 217 |
| AAS | Engineering Technology – Theatre Technology .....                        | 218 |
| CoA | Engineering Technology – Theatre.....                                    | 220 |

##### Floral Design Technology Program

|     |                               |     |
|-----|-------------------------------|-----|
| AAS | Floral Design Technology..... | 228 |
| CoA | Floral Design Technology..... | 230 |

##### Water/Wastewater Treatment Program

|     |  |     |
|-----|--|-----|
| AAS | Water/Wastewater Treatment –<br>Wastewater Treatment ..... | 312 |
| CoA | Water/Wastewater Treatment –<br>Wastewater Treatment ..... | 313 |
| AAS | Water/Wastewater Treatment –<br>Water Treatment .....      | 314 |
| CoA | Water/Wastewater Treatment –<br>Water Treatment .....      | 315 |

##### Welding Technology Program

|     |  |     |
|-----|--|-----|
| AAS | Welding Technology – Advanced Level Welder ..... | 316 |
| CoA | Welding Technology – Entry Level Welder.....     | 318 |



**DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGY**

**Computing and Information Technology Program**

|     |  |     |
|-----|--|-----|
| AAS | Computing and Information Technology – Cyber Security – Digital Forensics.....                       | 118 |
| CoA | Computing and Information Technology – Cyber Security – Digital Forensics.....                       | 120 |
| AAS | Computing and Information Technology – Cyber Security – Network Security.....                        | 121 |
| CoA | Computing and Information Technology – Information Management – Network Infrastructure Analyst ..... | 123 |
| CoA | Computing and Information Technology – Information Management – Software Analyst .....               | 124 |
| CoA | Computing and Information Technology – Information Management – Virtual Computing Analyst.....       | 125 |
| AAS | Computing and Information Technology – Networking – Client/Server .....                              | 126 |
| AAS | Computing and Information Technology – Networking – Linux.....                                       | 128 |
| AAS | Computing and Information Technology – Networking – Router/Switch .....                              | 130 |
| AAS | Computing and Information Technology – Software – Database .....                                     | 132 |
| AAS | Computing and Information Technology – Software – Programming.....                                   | 134 |
| AAS | Computing and Information Technology – Software – Web Development.....                               | 136 |

**DEPARTMENT OF MEDIA TECHNOLOGIES**

**Graphic Communications Program**

|     |  |     |
|-----|--|-----|
| AAS | Graphic Communications – Graphic Design..... | 236 |
| AAS | Graphic Communications – Web Design .....    | 237 |

**Photography Program**

|     |   |     |
|-----|---|-----|
| AAS | Photography – Commercial Photography..... | 281 |
| AAS | Photography – Video and Film.....         | 282 |

**SCHOOL OF ARTS AND LETTERS**

Through studies in the School of Arts and Letters, you can explore foreign language and culture, literature, fine arts, and oral and written communication – while discovering a new world within yourself.

Whether your interest is in improving a skill for work, to expand your sensibilities about art, or to prepare for transfer to a four-year institution, the School of Arts and Letters will provide you with myriad options from which to choose. We want students to understand and value their cultural and intellectual heritages and those of others. We do so to foster an appreciation for lifelong learning, to enable students to be better prepared for changing work environments, and to encourage students to knowledgeably and responsibly contribute to society.

The School of Arts and Letters offers transferable general education courses through which you can explore a variety of interests and hone your oral and written communication skills with the guidance of highly skilled, creative faculty.

**Departments:**

- Communication
- English
- Fine Arts
- International Languages

**Programs, Degrees, and Certificates:**

**DEPARTMENT OF COMMUNICATION**

**Communication Program**

|    |                     |     |
|----|---------------------|-----|
| AA | Communication ..... | 114 |
|----|---------------------|-----|

**Journalism/Media Studies Program**

|    |   |     |
|----|---|-----|
| AA | Journalism/Media Studies – Advertising/Public Relations ..... | 249 |
| AA | Journalism/Media Studies – News Production .....              | 251 |

**DEPARTMENT OF ENGLISH**

**English Program**

|    |              |     |
|----|--------------|-----|
| AA | English..... | 221 |
|----|--------------|-----|

**Creative Writing Program**

|    |                       |     |
|----|-----------------------|-----|
| AA | Creative Writing..... | 140 |
|----|-----------------------|-----|

**DEPARTMENT OF FINE ARTS**

**Art Program**

|    |           |    |
|----|-----------|----|
| AA | Art ..... | 85 |
|----|-----------|----|

**Dance Program**

|     |            |     |
|-----|------------|-----|
| CoA | Dance..... | 154 |
|-----|------------|-----|

**Music Program**

|     |                                     |     |
|-----|-------------------------------------|-----|
| AA  | Music.....                          | 263 |
| CoA | Music Business and Technology ..... | 264 |

**Theatre Program**

|    |              |     |
|----|--------------|-----|
| AA | Theatre..... | 304 |
|----|--------------|-----|

**DEPARTMENT OF INTERNATIONAL LANGUAGES**

**Deaf Studies Program**

|     |  |     |
|-----|--|-----|
| AAS | Deaf Studies .....                           | 155 |
| AAS | Deaf Studies – Interpreter Preparation ..... | 157 |

**International Languages Program**

|    |                               |     |
|----|-------------------------------|-----|
| AA | International Languages ..... | 248 |
|----|-------------------------------|-----|

**Latin American and Latina/o Studies Program**

|    |   |     |
|----|---|-----|
| AA | Latin American and Latina/o Studies ..... | 253 |
|----|---|-----|

**SCHOOL OF BUSINESS, HOSPITALITY, AND PUBLIC SERVICES**

The School of Business, Hospitality and Public Services offers a variety of courses and training necessary to prepare students to be successful in their chosen career field. In addition, the School offers programs for transfer students along with self-enhancement courses, all designed to meet the diverse needs of students. The School also provides certification programs and internship opportunities to better serve students and the community.

Included in the broad range of educational opportunities offered through the School are Associate of Business and Associate of Arts degrees for transfer students, Associate of Applied Science degrees in 15 occupational areas as well as a number of certificate programs.



**Departments:**

- Accounting, Finance, and Computer Office Technology
- Business Administration
- Hospitality Management
- Public Safety and Human Services

**Programs, Degrees, and Certificates:**

**DEPARTMENT OF ACCOUNTING, FINANCE, AND COMPUTER OFFICE TECHNOLOGY**

**Accounting**

- AAS Accounting .....48
- CoA Bookkeeping .....50

**Computer Office Technology Program**

- AAS Computer Office Technology ..... 115
- CoA Computer Office Technology ..... 117

**DEPARTMENT OF BUSINESS ADMINISTRATION**

**Business Program**

- AB Associate of Business ..... 102

**Business Management Program**

- AAS Business Management..... 103
- CoA Business Management..... 105

**Marketing Program**

- AAS Marketing ..... 255

**Retail Management Program**

- CoA Retail Management ..... 299

**Paralegal Program**

- AAS Paralegal Studies ..... 271
- CoA Paralegal Studies ..... 273

**Real Estate Program**

- AAS Real Estate..... 297
- CoA Real Estate..... 298

**DEPARTMENT OF HOSPITALITY MANAGEMENT**

**Casino Management Program**

- AAS Casino Management..... 111
- CoA Casino Management..... 113

**Culinary Arts Program**

- AAS Culinary Arts..... 148
- CoA Culinary Arts..... 150
- AAS Pastry Arts..... 151
- CoA Pastry Arts..... 153

**Food and Beverage Management Program**

- AAS Food and Beverage Management ..... 231
- CoA Food and Beverage Management ..... 233

**Hotel Management Program**

- AA Hospitality Management..... 244
- AAS Hotel Management..... 245
- CoA Hotel Management..... 247

**Tourism, Convention, and Event Planning Program**

- CoA Concierge Management ..... 306
- AAS Tourism, Convention, and Event Planning ..... 307
- CoA Tourism, Convention, and Event Planning..... 309

**DEPARTMENT OF PUBLIC SAFETY AND HUMAN SERVICES**

**Criminal Justice Program**

- AA Criminal Justice..... 142
- AAS Criminal Justice..... 144
- CoA Criminal Justice..... 145
- AAS Criminal Justice –  
Law Enforcement Training Academy ..... 146
- CoA Criminal Justice –  
Law Enforcement Training Academy ..... 147

**Fire Technology Program**

- BAS Fire and Emergency Administration..... 223
- CoA Fire Science Technology – Fire Fighting ..... 225
- AAS Fire Technology Management ..... 226

**SCHOOL OF EDUCATION, BEHAVIORAL AND SOCIAL SCIENCES**

The School of Education, Behavioral and Social Sciences is comprised of three departments and offers courses in a variety of disciplines as part of the social sciences and pre-professional education curriculum of the institution. Students may take introductory courses in many of the disciplines as they work towards the Associate of Arts, and Associate of Applied Science degrees, and Certificates at CSN or towards a bachelor’s degree in one of the NSHE comprehensive universities, colleges, or elsewhere. In addition to these, the School provides junior and senior level courses in education, philosophy, and economics in support of CSN’s Bachelor of Science Degree in Dental Hygiene.

This School is multi-disciplinary and dedicated to meeting local, state, and national needs, while maintaining a global focus. It takes the view that many of the issues we face will find resolution not within the narrow confines of a particular discipline, but at the boundaries of the disciplines.

You will come to interact with professors and instructors who will challenge, assist, engage, instruct, and guide you as you make the journey to self-discovery, and local, state, national, and global awareness. We promise you a challenging and exciting curriculum that will change you and enable you to change your community and our world for the better.

**Departments:**

- Education
- Human Behavior
- Social Sciences

**Programs, Degrees, and Certificates:**

**DEPARTMENT OF EDUCATION**

**Early Childhood Education Program**

- AA Early Childhood Education ..... 171
- AAS Early Childhood Education – Director ..... 173
- AAS Early Childhood Education –  
Early Care and Education ..... 175



|                          |   |     |
|--------------------------|---|-----|
| CoA                      | Early Childhood Education –<br>Infant/Toddler Education.....  | 177 |
| AAS                      | Early Childhood Education –<br>Preschool Education .....      | 178 |
| <b>Education Program</b> |   |     |
| AA                       | Elementary Education.....                                     | 183 |
| AA                       | Secondary Education –<br>Humanities and Fine Arts.....        | 185 |
| AA                       | Secondary Education –<br>Life and Physical Science.....       | 186 |
| AA                       | Secondary Education –<br>Social Science and Other Fields..... | 187 |
| AA                       | Special Education.....  | 188 |

**DEPARTMENT OF HUMAN BEHAVIOR**

**Anthropology Program**

|    |                                     |    |
|----|-------------------------------------|----|
| AA | Anthropology .....                  | 62 |
| AA | Anthropology – African Culture..... | 64 |

**Applied Psychology**

|     |  |    |
|-----|--|----|
| AAS | Applied Psychology – Addiction Services .....      | 66 |
| AAS | Applied Psychology – Aging Services .....          | 68 |
| AAS | Applied Psychology – Child/Family Services.....    | 70 |
| AAS | Applied Psychology – Community Social Services.... | 72 |
| AAS | Applied Psychology – Disability Services .....     | 74 |
| AAS | Applied Psychology – Mental Health Services .....  | 76 |
| AAS | Applied Psychology – Supervisory Services.....     | 78 |
| CoA | Applied Psychology – Mental Health Services .....  | 80 |

**Psychology Program**

|    |                 |     |
|----|-----------------|-----|
| AA | Psychology..... | 293 |
|----|-----------------|-----|

**Sociology Program**

|    |                |     |
|----|----------------|-----|
| AA | Sociology..... | 300 |
|----|----------------|-----|

**DEPARTMENT OF SOCIAL SCIENCES**

**Economics Program**

|    |  |     |
|----|--|-----|
| AA | Economics.....                               | 179 |
| AA | Economics – Applied Financial Economics..... | 181 |

**Global Studies Program**

|    |                     |     |
|----|---------------------|-----|
| AA | Global Studies..... | 234 |
|----|---------------------|-----|

**History Program**

|    |              |     |
|----|--------------|-----|
| AA | History..... | 242 |
|----|--------------|-----|

**Philosophy Program**

|    |                 |     |
|----|-----------------|-----|
| AA | Philosophy..... | 279 |
|----|-----------------|-----|

**Political Science Program**

|     |   |     |
|-----|---|-----|
| CoA | Applied Politics/Political Management ..... | 287 |
| AA  | Political Science.....                      | 288 |

**Women’s Studies Program**

|    |                       |     |
|----|-----------------------|-----|
| AA | Women’s Studies ..... | 319 |
|----|-----------------------|-----|

**RALPH AND BETTY ENGELSTAD  
SCHOOL OF HEALTH SCIENCES**

The Ralph and Betty Engelstad School of Health Sciences offers a Bachelor of Science degree in Dental Hygiene as well as Bachelor of Applied Science degrees in Medical Laboratory Science and Cardiorespiratory Sciences. There are 12 Associate Degree programs; 8 Certificates of Achievement; and 9 Certificates of Completion. While the majority of health program pre-requisites and general education requirements may be taken at any of the three main campus locations, health program coursework is held primarily at CSN’s Charleston campus.

Entrance into many of the Health Sciences Programs is limited. The Health Programs Advisement Office holds weekly orientation on the step-by-step procedures for admission. Attending a Health Programs Orientation and meeting with a Health Programs Advisor is required of all students interested in applying to a Limited-Entry Program. The Health Advisement Offices are located at the Charleston, Cheyenne, and Henderson campuses.

**Departments:**

- Dental Sciences, Diagnostic Evaluation and Rehabilitation Services
- Health Related Professions
- Nursing

**Programs, Degrees, and Certificates:**

**DEPARTMENT OF DENTAL SCIENCES, DIAGNOSTIC EVALUATION, AND REHABILITATION SERVICES**

**Dental Hygiene Program**

|    |  |     |
|----|--|-----|
| AS | Dental Hygiene .....                           | 160 |
| BS | Dental Hygiene – Education Specialist .....    | 162 |
| BS | Dental Hygiene – Public Health Specialist..... | 163 |

**Dental Assisting Program**

|     |   |     |
|-----|---|-----|
| CoA | Dental Assistant – Clinical Emphasis..... | 159 |
|-----|---|-----|

**Diagnostic Medical Sonography Program**

|     |  |     |
|-----|--|-----|
| AAS | Diagnostic Medical Sonography –<br>Cardiac/Vascular Ultrasound Track ..... | 165 |
| AAS | Diagnostic Medical Sonography –<br>General/Vascular Ultrasound Track ..... | 167 |

**Medical Laboratory Program**

|     |                                    |     |
|-----|------------------------------------|-----|
| BAS | Medical Laboratory Scientist.....  | 257 |
| AAS | Medical Laboratory Technician..... | 259 |

**Ophthalmic Technology Program**

|     |  |     |
|-----|--|-----|
| AAS | Ophthalmic Technology –<br>Ophthalmic Dispensing Technician..... | 269 |
|-----|--|-----|

**Physical Therapist Assistant Program**

|     |                                    |     |
|-----|------------------------------------|-----|
| AAS | Physical Therapist Assistant ..... | 285 |
|-----|------------------------------------|-----|

**Radiation Therapy Program**

|     |                                   |     |
|-----|-----------------------------------|-----|
| AAS | Radiation Therapy Technology..... | 295 |
|-----|-----------------------------------|-----|



**DEPARTMENT OF HEALTH RELATED PROFESSIONS**

**Cardiorespiratory Sciences Program**  
 BAS Cardiorespiratory Sciences ..... 107  
 AAS Cardiorespiratory Sciences ..... 109

**Health Information Technology Program**  
 AAS Health Information Technology ..... 238  
 CoA Medical Coding ..... 240  
 CoA Medical Transcription ..... 241

**Medical Office Assisting Program**  
 CoA Medical Office Assisting ..... 261

**Paramedic Medicine Program**  
 AAS Paramedic Medicine ..... 274  
 CoA Paramedic Medicine ..... 276

**Pharmacy Technician Program**  
 CoA Pharmacy Technician ..... 278

**Surgical Technology Program**  
 AAS Surgical Technology ..... 302

**Veterinary Technology Program**  
 AAS Veterinary Technology ..... 310

**DEPARTMENT OF NURSING**

**Nursing Program**  
 AAS Nursing ..... 265  
 AAS Nursing – LPN to RN ..... 267

**Practical Nursing Program**  
 CoA Practical Nursing ..... 290  
 CoA Practical Nursing – Military Medic/  
 Corpsman to LPN ..... 292

**SCHOOL OF SCIENCE AND MATHEMATICS**

The School of Science and Mathematics provides excellence in instruction and learning in mathematics and sciences to a diverse student body. The School’s curriculum is designed to develop students’ critical thinking skills and to promote their scientific and mathematical knowledge and understanding. The School offers 2 different emphases of the Associate of Science degree—Biology and Physical Science.

School faculty provide outstanding teaching in classrooms, lab-settings, and via online courses. These faculty not only have outstanding academic backgrounds, but they also have proven records of outstanding teaching. Many are also active in their professional organizations to keep current in their fields.

**Departments:**

- Biological Sciences
- Mathematics
- Physical Sciences

**Programs, Degrees, and Certificates:**

**DEPARTMENT OF BIOLOGICAL SCIENCES**

**Biological Sciences Program**  
 AS Biological Sciences ..... 99  
 AS Associate of Science ..... 100

**DEPARTMENT OF PHYSICAL SCIENCES**

**Physical Sciences Program**  
 AS Physical Sciences ..... 283  
 AS Associate of Science ..... 100

**DIVISION OF APPRENTICESHIP STUDIES**

CSN has formed credit granting partnerships with several area registered apprenticeship programs. These programs are required to adhere to a set of standards as developed by the United States Department of Labor, Bureau of Apprenticeship and Training. The specific requirements for the standards are listed in Nevada Revised Statute 610, and each program’s standards are reviewed and approved by the Nevada State Apprenticeship Council. Additionally, program curriculum is reviewed and approved by the Nevada Department of Education. A minimum of 144 hours of related instruction is required for each year of apprenticeship, and the period of indentureship ranges from a minimum of two to a maximum of five years depending on the particular apprenticeship program. Individuals become indentured through the Joint Apprenticeship and Training Committee selection process. A specific Associate of Applied Science (AAS) and/or Certificate of Achievement are available to any enrolled, registered apprentice. College credit is awarded for the special program courses taught and paid for by the apprenticeship partner. Individual apprentices are required to enroll in general education courses required for completion of the AAS and/or Certificate.

For information about the qualifications necessary for entering the various programs, please contact the CSN Division of Apprenticeship Studies office at 702-651-4163.

**Degrees/Certificates by Approved program partnerships include:**

**BRICKLAYERS AND ALLIED CRAFTSMEN**

AAS Bricklayers ..... 462  
 CoA Bricklayers ..... 463  
 AAS Tile Setter ..... 519  
 CoA Tile Setter ..... 520

**CARPENTERS**

AAS Carpentry ..... 464  
 CoA Carpentry ..... 465  
 AAS Drywall Applicator ..... 468  
 CoA Drywall Applicator ..... 469  
 AAS Millwright ..... 490  
 CoA Millwright ..... 491  
 AAS Pile Driver ..... 496  
 CoA Pile Driver ..... 497  
 AAS Scaffold Erector ..... 507  
 CoA Scaffold Erector ..... 508

**ENVIRONMENTAL AND CONSTRUCTION LABORERS**

AAS Environmental and Construction Laborer ..... 470  
 CoA Environmental and Construction Laborer ..... 471



**FLOOR COVERERS**

|     |                     |     |
|-----|---------------------|-----|
| AAS | Floor Coverer ..... | 474 |
| CoA | Floor Coverer ..... | 475 |

**GLAZIERS**

|     |               |     |
|-----|---------------|-----|
| AAS | Glazier ..... | 478 |
| CoA | Glazier ..... | 479 |

**HEAT AND FROST INSULATORS**

|     |                                |     |
|-----|--------------------------------|-----|
| AAS | Heat and Frost Insulator ..... | 480 |
| CoA | Heat and Frost Insulator ..... | 481 |

**INSIDE WIREMAN AND INSTALLER/TECHNICIANS**

|     |                            |     |
|-----|----------------------------|-----|
| AAS | Inside Wireman .....       | 484 |
| CoA | Inside Wireman .....       | 485 |
| CoA | Installer/Technician ..... | 486 |
| CoA | Residential .....          | 504 |
| CoA | Sign .....                 | 487 |

**IRONWORKERS**

|     |                                   |     |
|-----|-----------------------------------|-----|
| AAS | Reinforcing Ironworkers .....     | 502 |
| CoA | Reinforcing Ironworkers .....     | 503 |
| AAS | Structural Steel Ironworker ..... | 513 |
| CoA | Structural Steel Ironworker ..... | 514 |

**OPERATING ENGINEERS**

|     |                                      |     |
|-----|--------------------------------------|-----|
| AAS | Equipment Operators .....            | 472 |
| CoA | Equipment Operators .....            | 473 |
| AAS | General Construction Inspector ..... | 476 |
| CoA | General Construction Inspector ..... | 477 |
| AAS | Heavy Duty Repairman .....           | 482 |
| CoA | Heavy Duty Repairman .....           | 483 |
| AAS | Machinist .....                      | 488 |
| CoA | Machinist .....                      | 489 |
| AAS | Oil Well Drillers .....              | 492 |
| CoA | Oil Well Drillers .....              | 493 |

**OPERATING AND MAINTENANCE  
(STATIONARY) ENGINEERS**

|     |                            |     |
|-----|----------------------------|-----|
| AAS | Stationary Engineers ..... | 511 |
| CoA | Stationary Engineers ..... | 512 |
| AAS | Surveyors .....            | 515 |
| CoA | Surveyors .....            | 516 |

**PAINTERS**

|     |               |     |
|-----|---------------|-----|
| AAS | Painter ..... | 494 |
| CoA | Painter ..... | 495 |

**PLASTERS AND CEMENT MASONS**

|     |                    |     |
|-----|--------------------|-----|
| AAS | Plasterer .....    | 500 |
| CoA | Plasterer .....    | 501 |
| AAS | Cement Mason ..... | 466 |
| CoA | Cement Mason ..... | 467 |

**PLUMBERS AND PIPE FITTERS**

|     |                     |     |
|-----|---------------------|-----|
| AAS | Piping Trades ..... | 498 |
| CoA | Piping Trades ..... | 499 |

**ROOFERS AND WATERPROOFERS**

|     |                               |     |
|-----|-------------------------------|-----|
| AAS | Roofer and Waterproofer ..... | 505 |
| CoA | Roofer and Waterproofer ..... | 506 |

**SHEET METAL WORKERS**

|     |                   |     |
|-----|-------------------|-----|
| AAS | Sheet Metal ..... | 509 |
| CoA | Sheet Metal ..... | 510 |

**TEAMSTERS CONVENTION SET-UP TRAINING**

|     |                                    |     |
|-----|------------------------------------|-----|
| AAS | Teamster Convention Training ..... | 517 |
| CoA | Teamster Convention Training ..... | 518 |

**DIVISION OF WORKFORCE  
AND ECONOMIC DEVELOPMENT**

Students seeking educational opportunities, other than specific credit degrees offered at CSN main campuses, have access to additional options through the Division of Workforce and Economic Development Programs.

The Division of Workforce and Economic Development offers non-credit classes and programs in a format to meet the needs of business and industry, local government, and educational institutions through customized training programs and curricula. Training programs and workshops are tailored to fit the specific needs of clients so students are able to quickly apply what they have learned.

The Division of Workforce and Economic Development offers continuing education in the following program specialty areas:

**Adult Literacy and Language Program:** The College of Southern Nevada's Adult Literacy and Language program is the largest of its kind in Nevada, and has served the greater Las Vegas Valley and surrounding area for more than twenty years. The program provides classes for those learning English as a Second Language (ESL), English Language Civics (EL/Civics) and those desiring to obtain a High School Equivalency credential (HSE Prep).

**American Heart, Healthcare and Emergency Medical Services (EMS):** CSN's American Heart Association Authorized Training Center provides continuing education and certifications such as CPR, Basic, Pediatric, and Advanced Life Support. The Healthcare program provides a variety of continuing education courses needed for upgrading ones skills, and also for entry level healthcare professions in Southern Nevada. Examples of these are Dialysis Patient Care Technician (PCT) and Health Unit Coordinator (HUC), and Home Care Aid.

**Community and Personal Enrichment:** This program offers ongoing fee-based, non-credit classes every semester to assist individuals in their personal development and plays a significant role in increasing job readiness skills. Classes address a broad variety of personal growth courses including but not limited to arts and crafts, recreational and leisure interests, professional and personal development programs, software and computer skills, test preparation, theatre, and language classes. The Professional Development classes focus on individuals seeking to enhance employment skills, advance their careers, those unemployed returning to the workforce and military members transitioning into the civilian lifestyle. Many classes provide the opportunity to earn



Continuing Education Units (CEU's)/certificate of completion. Classes are listed in the Community and Personal Enrichment Program Schedule distributed three times a year and available at all CSN campuses and online at [www.csn.edu/workforce](http://www.csn.edu/workforce).

**Business Services:** This program works in conjunction with Nevada companies and organizations to assess and disseminate the skills necessary for students and employees to be successful in today's job market. This includes foundational skills development, and a variety of professional training programs and assessments designed to increase skill levels and assist with employment and/or career changes. The program provides customized training, and job skill assessments such as ACT WorkKeys, which results in a National Career Readiness Certificate (NCRC). The NCRC is a portable, evidence-based credential that documents essential skills needed for workplace success. The program also provides access to public services for Nevada citizens through a partnership with Department of Employment, Training and Rehabilitation at the Nevada Workforce Development Center.

**Math Prep:** CSN's Division of Workforce and Economic Development, in partnership with the Department of Mathematics, offers non-credit Math Prep courses. These courses are designed to prepare students, who have not met the criteria for Math 095 or higher, with the skills to be successful in entry level mathematics courses.

**Facilities Maintenance & Operation Training Program:** The Facilities Maintenance & Operation Training Program offers accelerated training with entry level skills in Safety, Plumbing, Electrical and HVAC by working with area businesses and industries in the design and implementation of customized training programs. Upon successful completion of the course work in each craft area, students receive portable industry recognized credentials.

**Workplace Safety Program:** This program provides a wide variety of workplace and personal safety courses including OSHA 10 and 30 classes, state required OSHA 10 and 30 updates, Motorcycle Rider Safety classes, Rape Aggression Defense (RAD) classes and other personal and workplace safety classes, as needed. CSN and the Division's Workplace Safety Program now offer the Fire Service Joint Labor Management Wellness/Fitness Initiative Program-Candidate Physical Ability Test (CPAT). The CPAT has been developed as a fair and valid evaluation tool to assist in the selection of fire fighters, and to ensure that all fire fighter candidates possess the physical ability to complete critical tasks effectively and safely.

