

# CERTIFICATE OF ACHIEVEMENT - APPRENTICESHIP

Qualifying apprenticeship programs for the certificate of achievement consist of two or more years of training. The student who completes this field of study will have the skills, knowledge and abilities to work in one of the building or utility trades and will be provided with basic technical-trade knowledge and manual skills required in the field. Besides general education requirements, the student will complete skill-specific courses and on-the-job training. Students must apply and be accepted into one of the qualified apprenticeship programs.

## Qualifying Apprenticeship Programs

Norther Nevada Electrical Workers, JATC	775-358-4301
Field Ironworkers, JATC	916-428-7420
International Union of Painters & Allied Trades, JATC	775-323-0567
Northern Nevada Bricklayers/ Tilesetters, JATC	702-876-6563
Northern Nevada Carpenters, JATC	702-452-5099
Northern Nevada Electrical, JATC	775-358-4301
Northern Nevada Operating Engineers, JATC	775-575-2729
Northern Nevada Plasterers & Cement Masons, JATC	775-359-4241
Northern Nevada Plumbers, Pipefitters & HVAC, JATC	775-359-2229
Northern Nevada Sheet Metal Workers, JATC	775-331-6393
NV Energy Gas Utility	775-834-7018

## Certificate Outcomes

Students completing the certificate will:

- Demonstrate a comprehensive understanding of principles, skills, and applications of the specific trade to work safely and efficiently in the industry.

Certificates of Achievement are a set of courses within an AAS degree that can serve as a stepping stone to an AAS degree or allow students to enter the workforce. Certificates of Achievement have a general education component.

To earn a Certificate of Achievement, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 semester credit hours within the college.
3. Satisfy General Education requirements for the AAS (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas>).
4. Have no financial or library obligation to the college.

### General Education Requirements

Communications	3
Human Relations	[3]
Embedded in apprenticeship curriculum.	
Mathematics	[3]
Embedded in apprenticeship curriculum.	

### Certificate Requirements

All Certificate requirements will be fulfilled by approved apprenticeship courses.	24
Bricklayers: BRL	
Carpenters: CPT	
Cement Masons: PLCM	
Electricians: ELEC	
Iron Workers: IRW	
Natural Gas Utilities: NGPF, NGPO, NGSM	
Operating Engineers: POE	
Painters and Decorators: PTD	
Plasterers: PLST	
Plumbers and Pipefitters: PPF	
Refrigeration (HVAC): RS	
Sheet Metal: SMTL	

### Elective Requirements

Select at least 3 units from any remaining apprenticeship class(es) from the same program as emphasis.	1-3
Any AAD, AC, ADT, BI, CADD, CE, CONS, ENGR, ENRG, MT, OSH or WELD class(es)	

Total Units	30
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Course sequences are established separately for each qualified apprenticeship program. Please see your apprenticeship coordinator for the required sequence.

Course	Title	Units
<b>1st semester</b>		
Approved Apprenticeship class	<sup>2</sup>	5-8
Communications	<sup>1</sup>	3
Semester Total		8
<b>2nd semester</b>		
Approved Apprenticeship class	<sup>2</sup>	5-8
Elective	<sup>2</sup>	3
Semester Total		8
<b>3rd semester</b>		
Approved Apprenticeship class	<sup>2</sup>	5-8
Elective	<sup>2</sup>	3
Semester Total		8
<b>4th semester</b>		
Approved Apprenticeship class	<sup>2</sup>	5-8
Semester Total		5
<b>5th semester</b>		
Approved Apprenticeship class (if necessary)		5-8
Semester Total		1

**6th semester**

Approved Apprenticeship class (if necessary)	5-8
Semester Total	0
Total Units	30

<sup>1</sup> See approved General Education list for the AAS Degree. (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas>)

<sup>2</sup> See program recommendations or requirements.

For additional information, please contact the apprenticeship training office at 775-856-5302, or your qualifying sponsoring indentured apprenticeship training program.