



**CHANDLER-GILBERT
COMMUNITY COLLEGE**

A MARICOPA COMMUNITY COLLEGE

ADDENDUM 2017-2018 ELECTRIC UTILITY TECHNOLOGY



**MARICOPA
COMMUNITY COLLEGES**

ABOUT THE ADDENDUM

The contents of this addendum supersede the content specified in the 2017-2018 catalog where noted. Contents of the 2017-2018 catalog not revised in this addendum remain in effect. The unrevised content of the 2017-2018 catalog and the revised content of this addendum are valid for the 2017-2018 academic year.

The Maricopa Community Colleges reserve the right to change, without notice, any materials, information, curriculum, requirements, and regulations published in this catalog addendum.

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Electric Utility Technology

ASSOCIATE IN APPLIED SCIENCE: AAS 3855

61-64 Credits

PROGRAM CONTACT:

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PROGRAM DESCRIPTION

The Associate in Applied Science (AAS) in Electric Utility Technology program is designed to prepare the student for the position of an apprentice-level line worker who is familiar with the use of tools, materials, and the equipment of the electric utility industry. Students will be trained in power line installation and maintenance, pole climbing and use of tools, truck and equipment operation, and overhead and underground distribution, construction, and maintenance of electrical lines.

PROGRAM NOTES

Students must earn a grade of "C" or better in all courses within the program.

+ indicates course has prerequisites and/or corequisites.

ADMISSION CRITERIA

Formal application and admission into the Electric Utility Technology program.

PROGRAM PREREQUISITES:0-8 CREDITS

Students must obtain a Commercial Drivers' License from the state of Arizona prior to completion of the Required Courses.

+ENG091 Fundamental of Writing (3) OR
Appropriate English placement test score3
+MAT090 Developmental Algebra (5) OR
+MAT091 Introductory Algebra (4) OR
+MAT092 Introductory Algebra (3) OR
+MAT093 Introductory Algebra/Math
Anxiety Reduction (5) OR
Satisfactory score on District
placement exam..... 0-5

REQUIRED COURSES: 33 CREDITS

Students must obtain First Aid/Cardiopulmonary Resuscitation (CPR) certification by the completion of EUT215.

+ENG101 First-Year Composition3
+ENG111 Technical Writing (3) OR
+ENG102 First-Year Composition (3).....3
EUT103 Introduction to Rigging.....2
EUT 104 Equipment, Safety and
Operation2
EUT110 Line Work I.....2
+EUT112 Basic Electricity: AC and DC4
+EUT115 Field Training I4
+EUT210 Line Work II2
+EUT211 Electrical Apparatus.....4
+EUT215 Field Training II4
+MAT122 Intermediate Algebra3

RESTRICTED ELECTIVES: 15 CREDITS

Selection must be from a minimum of 2 different course prefixes.

Selected courses will not apply in both the Required and Restricted Electives areas.

ACC++++ Any ACC Accounting courses
BPC++++ Any BPC Business-Personal
Computer courses
CAD++++ Any CAD Computer-Aided
Drafting courses
CIS++++ Any CIS Computer-Information
Systems courses
COM++++ Any COM Communication
courses

DFT++++	Any DFT Drafting courses
EEE++++	Any EEE Electrical Engineering courses
ELE++++	Any ELE Electronic courses
ELT++++	Any ELT Electronics Technology
EMT++++	Any EMT Emergency Medical Technology courses
HES++++	Any HES Health Science courses
GBS++++	Any GBS General Business courses
MET++++	Any MET Manufacturing Technology courses

RESTRICTED ELECTIVES: 15 CREDITS

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ACC++++	Any ACC Accounting courses
BPC++++	Any BPC Business-Personal Computer courses
CAD++++	Any CAD Computer-Aided Drafting courses
CIS++++	Any CIS Computer-Information Systems courses
COM++++	Any COM Communication courses
DFT++++	Any DFT Drafting courses
EEE++++	Any EEE Electrical Engineering courses
ELE++++	Any ELE Electronic courses
ELT++++	Any ELT Electronics Technology
EMT++++	Any EMT Emergency Medical Technology courses
HES++++	Any HES Health Science courses
GBS++++	Any GBS General Business courses
MET++++	Any MET Manufacturing Technology courses
NET++++	Any NET Networking Technology courses

PED++++	Any PED Physical Education courses
PHY++++	Any PHY Physics courses
PPT++++	Any Power Plant Tech. courses
SPA++++	Any Spanish Courses

GENERAL EDUCATION: 13-16 CREDITS

CORE: 3-6 CREDITS

FIRST-YEAR COMPOSITION

Met by ENG101 AND ENG102 OR ENG111 in Required Courses area0

ORAL COMMUNICATION

Any approved general education course in the Oral Communication area.....3

CRITICAL READING

+CRE101 College Critical Reading and Critical Thinking (3) OR Equivalent as indicated by assessment.....3

MATHEMATICS

Met by MAT122 in Required Courses area0

DISTRIBUTION: 10 CREDITS

HUMANITIES AND FINE ARTS

Any approved general education course in the Humanities and Fine Arts area.....3

SOCIAL AND BEHAVIORAL SCIENCES

Any approved general education course in the Social and Behavioral Sciences area.....3

NATURAL SCIENCES

Any approved general education course in the Natural Sciences area.....4