

**MERCER COUNTY COMMUNITY COLLEGE  
TRANSFER ADVISEMENT EQUIVALENCY SHEET**

**Thomas Edison State College  
BSAST – Energy Utility Technology**

**General Education Requirements:**

**English Composition**

ENG 101 College Composition I	3
ENG 102 College Composition II	3

**Social Science**

Psychology or Sociology	3
Elective	3
Elective	3
LAS 321 Labor Relations and Collective Bargaining	3

**Natural Science and Mathematics**

Pre-Calculus and above	3
Statistics	3
Physics I	3
Physics II	3
Second Science	3
Natural Science/ Math elective	3

**General Education Elective** 3

**Humanities**

ENG 201 Technical Report Writing	3
Organizational Communication	3
Elective	3

**Technical Core**

Energy Utility Industry	3
Gas Combustion Technology	3
Inside Plant Operations	3
Utility Engineering Technology	3
Metering Technology	3
Underground Construction Methods	3
Appliance Service Technology	3
Gas Distribution Technology	3
Power Plant Operations and Maint.	3
Electrical Systems Protection	3
AC Circuits	3
DC Circuits	3
Fundamental of Electronics	3
Instrumentation and Control	3
CAD	3

**Mercer County Community College  
EUT Degree Requirements**

**General Education Requirements:**

ENG 101 English Composition I	3
ENG 102 English Composition II w/Speech	3

Any 2 Gen. Ed. Courses from the Society and Human Behavior Category	3 3
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MAT 141 College Algebra w/ Apps.	3
PHY 101 College Physics I	3
PHY 102 College Physics II	3

CMN 121 Leadership Dynamics	3
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IST 101 Comp. Concepts w/ Apps. <i>or</i>	3
IST 102 Comp. Concepts w/ Prog.	

UTI 101 Intro to the EU Industry	3
UTI 102 Fund. of Gas Combustion	3
UTI 103 Fund. of Power Alt Current	3
UTI 300 Energy Utility Co-op I	4
UTI 301 Energy Utility Co-op II	4
Any 2 courses from the following list:	4-7
UTI 104, 105, 106, 107, 108 or 109	4-7

EET 130 Fund. of Electronics	3
HPE 110 Concepts of Health & Fitness <i>or</i>	2
HPE 111 Living with Health	3

*Credits required to graduate at Mercer*

<b>Electives</b>	
Financial Accounting	3
Managerial Accounting	3
Leadership and Supervision	3
Project Planning and Management	3
Applied Economic Analysis	3
Safety Management	3
<b>Computer Requirement</b>	
Programming Language	3
<b>Total Credits Required</b>	<b>120</b>

<b>Additional courses that may be taken</b>	
BUS 205 Business Statistics	3
BUS 209 Bus. Letter/Report Writing	3
EET 215 Fiber Optics	4
MAT 145 or 146 Pre-calculus	4
MAT 151 Calculus I	4
MAT152 Calculus II	4
<b>Total Credits Required</b>	<b>80</b>

**Thomas Edison State College**  
BSAST – Energy Utility Technology

General Education Requirements  
English Composition I and II

Social Science  
Psychology or Sociology

Natural Science/Math  
Pre-Calculus and above  
Physics I  
Physics II  
Second Science  
Natural Science/ Math elective

Humanities  
Elective

Technical Core  
Energy Utility Industry  
Gas Combustion Technology  
AC Circuits  
DC Circuits

**Mercer County Community College**  
AAS – Energy Utility Technology

General Education Requirements  
English Composition I and II

Social Science  
Any 2 Gen. Ed. Courses from the  
Society and Human Behavior Category

Natural Science/Math  
MAT 145 or 146 Pre-calculus  
PHY 101 College Physics I  
PHY 102 College Physics II  
PHE 119 or HLT 101  
MAT 141 College Algebra w/ Apps

Humanities  
Any History

Major Requirements  
UTI 101 Intro. to the EU Industry  
UTI 102 Fund. of Gas Combustion  
UTI 103 Fund. of Power Alt Current  
UTI 103 Fund. of Power Alt Current