

**Articulation Agreement
Between
VALENCIA COLLEGE**

**A.S. degree in Energy Management and Controls Technology
and**

**THE SCHOOL BOARD OF ORANGE COUNTY, FLORIDA O/B/O
ORANGE TECHNICAL COLLEGE**

**Air Conditioning, Refrigeration & Heating Technology Apprenticeship
Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R)
Electricity
Electrical Apprenticeship
Mechatronics**

In a continuing effort to provide career ladder opportunities for students in career and technical education programs, Valencia College agrees to extend full college credit at no cost (other than the application for admission fee) to eligible students who have completed the following specified programs at Orange Technical College – Mid-Florida, Westside and Winter Park Campus.

COURSE EQUIVALENCY IN SPECIALIZED COURSES

ORANGE TECHNICAL COLLEGE
(Mid Florida & Westside Campus)

VALENCIA COLLEGE PROGRAM

**Heating, Ventilation, AC/
Refrigeration (HVAC/R) 1 & 2**
(750 + 600 hours for total of 1350 Hours)

**Energy Management & Controls Technology A.S.
Degree**

**Specialization in HVAC/R
Advanced Service Practices**

ETM 2943 Energy Management and Controls
Technology Practicum (6 credits)

**Specialization in HVAC/R
Advanced Commercial & Industrial**

ETM 2943 Energy Management and Controls
Technology Practicum (9 credits)

ORANGE TECHNICAL COLLEGE
(Mid Florida & Westside Campus)

VALENCIA COLLEGE PROGRAM

**A/C, Refrigeration & Heating
Technology Apprenticeship**

**Energy Management & Controls Technology A.S.
Degree**

Mid Florida: Sponsor: OPP JATC
(10,000 hours – five years)

ETM 2943 Energy Management and Controls
Technology Practicum (12 credits)

Westside: (Sponsor: ACCA/CF)
(6,000 hours – three years)

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HVAC/R, Electricity, Mechatronics, Apprenticeship and Energy Management and Controls
programs - Page 2**

ORANGE TECHNICAL COLLEGE
(Mid Florida & Westside Campus)

VALENCIA COLLEGE PROGRAM

Electricity
(1200 Hours)

**Energy Management & Controls Technology A.S.
Degree**

ETM 2943 Energy Management and Controls
Technology Practicum (9 credits)

**Electrical
Apprenticeship**

**Energy Management & Controls Technology A.S.
Degree**

MF/WS/WP: Sponsor: FEAT
(8,000 hours – four years)

ETM 2943 Energy Management and Controls
Technology Practicum (12 credits)

Mid Florida: (Sponsor: CFE JATC)
(8,000 hours – four years)

ORANGE TECHNICAL COLLEGE
(Mid Florida Campus)

VALENCIA COLLEGE PROGRAM

Mechatronics
(1500 Hours)

**Energy Management & Controls Technology A.S.
Degree**

ETM 2943 Energy Management and Controls
Technology Practicum (12 credits)

MAXIMUM AWARD OF CREDIT

This agreement makes it possible for a student to receive six - twelve (6-12) semester hours of college credit for the specified programs above towards the Energy Management and Controls Technology program at Valencia College, which is in accordance with commonly accepted good practice in higher education.

EDUCATIONAL PROGRAM

Valencia and Orange Technical College faculty and staff with responsibility for supervision and coordination of the HVAC/R, Electricity, Mechatronics, Apprenticeship and Energy Management and Controls Technology programs have assessed the adequacy of the documentation and determined that the learning outcomes, performance standards, and assessment procedures meet the college standards for college credit course work and that the learning outcomes are:

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EDUCATIONAL PROGRAM (Cont.)

1. consistent with the course work in AS degree being articulated.
2. based on the statewide PSAV to AS Degree Statewide agreement, an alternative Form of student assessment or is taught by faculty who have a minimum of an BS/BA degree in the required area or meet other described criteria.

TRANSFERRING PROCESS

To have the courses reported on the official Valencia College transcript, transferring students must do the following:

1. Apply for admission to Valencia College and meet the College entrance requirements.
2. Submit a completed Valencia College application for admission, satisfy the requirements for Degree-Seeking Status, including submission of all official transcripts, and declare a major in the articulated program.
3. Be accepted into Valencia within three years of completing the Orange Technical College program. *(Note: If it's been longer than 3 years, an exception will be considered if the student can demonstrate they have current industry knowledge (i.e. through an employer letter, etc.)*
4. Complete orientation and comply with the appropriate placement, course prerequisites and requirements of the college.
5. Meet with Valencia's Career Program Advisor to verify completion of the articulated program and initiate the award of credit process following enrollment at the College. *Note: Student must provide the required documentation needed for evaluation of the approved assessments listed below before the credit can be awarded.*

Approved assessments:

Air Conditioning (HVAC/R) 1 & 2 program

Provide a *current* and *valid* copy of the required industry certification listed below:

- EPA 608 Universal Certification

A/C, Refrigeration and Heating Technology - Apprenticeships

- Provide HVAC Apprenticeship certificate of completion **AND** a letter from employer validating the student has commercial HVAC training/work experience.

Electricity program

Provide a *current* and *valid* copy of the required industry certifications listed below:

- NCCER Core Curriculum Certification
- NCCER for Electricity Level I Certification

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TRANSFERRING PROCESS (Cont.)

Electrical - Apprenticeships

- Provide Electrical Apprenticeship certificate of completion.

Mechatronics program

Provide a *current* and *valid* copy of the required NIMS certifications listed below:

- Basic Hydraulic, Mechanical and Pneumatic Systems Certifications (3 cert.)
 - Electrical Systems Certification
 - Electronic Control Systems Certification
 - Maintenance Operations Certification
 - Process Control Systems Certification
6. After verifying the required documentation and evaluating the approved assessments(s), the Valencia Career Program Advisor or Program Chair for the articulated program will determine eligibility, and notify the Registrar's Office of acceptable credit to be awarded. (*Note: Credit will be awarded after the drop/add date, and the evaluation process has been completed.*)

TERMS OF AGREEMENT

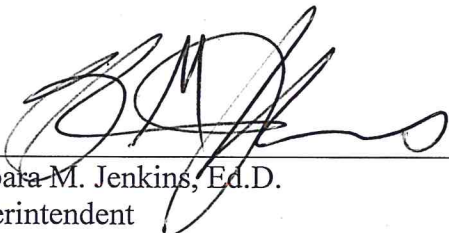
This agreement shall be reviewed and evaluated biannually. It shall remain in effect from June 2019 until either party identifies a need for revision or terminates this agreement with thirty days written notice.

APPROVED:

The School Board of Orange County, Florida o/b/o
Orange County Public Schools Technical College

APPROVED:

Valencia College



Barbara M. Jenkins, Ed.D.
Superintendent
The School Board of Orange County, Florida



Sanford C. Shugart
President
Valencia College

Approved as to form and legality by the Office
of Legal Services to the Orange County School
Board on: 5-8-19 Signature: V. Cocotas
Print Name: Vivian Cocotas

5/13/19
Date

4-5-19
Date