

**Articulation Agreement
Between
VALENCIA COLLEGE**

**A.S. degree in Construction and Civil Engineering Technology
and**

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

**Heating, Ventilation, AC/Refrigeration (HVAC/R) 1 & 2
Building Construction Technologies
Drafting
Electricity**

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 and Westside Campus.

COURSE EQUIVALENCY IN SPECIALIZED COURSES

ORANGE TECHNICAL COLLEGE
(Mid Florida & Westside Campus)

VALENCIA COLLEGE PROGRAM
(Based on License/Certification or Portfolio Assessment)

**Heating, Ventilation, AC/
Refrigeration 1 & 2 (1350 Hours)**

**Construction & Civil Engineering Technology
A.S. Degree (3 credits)**

BCN 1272 Construction Blueprint Reading

ORANGE TECHNICAL COLLEGE
(Westside Campus)

VALENCIA COLLEGE PROGRAM
(Based on Certification)

**Building Construction Technology
(1050 Hours)**

**Construction & Civil Engineering Technology
A.S. Degree (Up to 9 credits)**

BCN 1272 Construction Blueprint Reading (3 cr.)
ETD 1031C Intro. to Construction & Drafting (3 cr)
ETC 1251C Engineering Materials/Processes (3cr.)

ORANGE TECHNICAL COLLEGE
(Mid-Florida & Westside Campus)

VALENCIA COLLEGE PROGRAM
(Based on Portfolio Assessment or Local Assessment)

**Electricity
(1200 Hours)**

**Construction & Civil Engineering Technology
A.S. Degree (3 credits)**
BCN 1272 Construction Blueprint Reading

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ORANGE TECHNICAL COLLEGE **VALENCIA COLLEGE PROGRAM**
(Mid-Florida Campus) *(Based on Certification)*

Drafting
(1500 Hours)

Construction & Civil Engineering Technology
A.S. Degree (Up to 12 credits)

ETD 1103C Engineering Graphics with CADD (3 credits)
ETD 1340C Advanced CADD (3 credits)
BCN 1272 Construction Blueprint Reading (3 credits)
(BCN 1272 Elective credit in Construction Mgmt. Track)

Civil/Surveying Specialization (Additional 3 credits)
*TAR 2170C Introduction to Architectural Revit (3 credits)

* Additional Credit will be awarded based upon receiving the AutoDesk - Revit Architecture Certified User Certification.

MAXIMUM AWARD OF CREDIT

This agreement makes it possible for a student to receive up to twelve semester hours of college credit towards the Construction and Civil Engineering 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 Air Conditioning, Electricity, Drafting and Construction & Civil Engineering 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:

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:

TRANSFERRING PROCESS (Cont.)

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:

- **Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) 1 & 2**
To have the credit awarded, students must present a *current* and *valid* copy of the NCCER Level 1-4 industry certification; or present an acceptable portfolio of work that includes a wiring diagram of motors and controls pertaining to HVAC systems to be assessed and evaluated by the Construction & Civil Engineering Program Chair.
- **Building Construction Technologies**
To have the credit awarded, students must present a *current* and *valid* copy of the following certifications:
 - BCN 1272 – Construction Blueprint Reading – NCCER Core Curriculum Certification
 - ETD 1031C – Introduction to Construction & Drafting – NCCER Core Curriculum Certification
 - ETC 1215C – Engineering Materials & Processes – NCCER Construction Technology Certification
- **Electricity**
To have the credit awarded, students must present an acceptable portfolio of work which includes photos that document a correctly assembled electric distribution panel; or pass the final exam for BCN 1272 that is approved and evaluated by the Construction & Civil Engineering Program Chair.

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- **Drafting**

Students must present an acceptable portfolio of work to be assessed and evaluated by the Drafting and Design Technology Program Chair with demonstrated competencies in the following areas: lettering, sketching, sections, dimensioning, obliques, isometrics, revolutions, auxiliary views, multi-views, and AutoCAD drawings including an assembly drawing.

* Students may also earn additional credit based on the submission of a current and valid copy of the AutoDesk - Revit Architecture Certified User Certification.

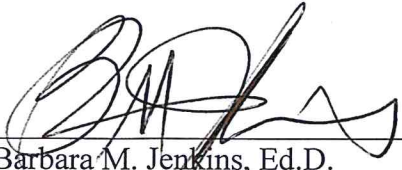
6. After verifying the required documentation and evaluating the approved assessments(s), the Valencia Career Program Advisor or Program Chair for the articulated program will determine eligibility, and notify the Registrar's Office of acceptable credit to be awarded. *(Note: Credit will be awarded after 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:

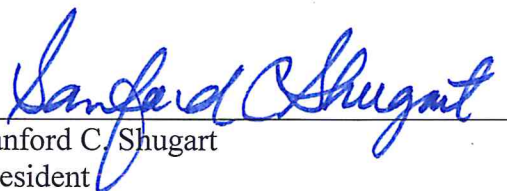
The School Board of Orange County, Florida o/b/o
Orange County Public Schools Technical College



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

APPROVED:

Valencia College



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: VIRIAN COCOTAS

5/13/19

Date

4-5-19

Date