

**Articulation Agreement  
Between  
VALENCIA COLLEGE**

**A.S. degree in Electronics Engineering Technology**

**and**

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

**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 program at Orange Technical College - Mid Florida Campus.

**COURSE EQUIVALENCY IN SPECIALIZED COURSES**

**ORANGE TECHNICAL COLLEGE**  
(Mid-Florida Campus)

**VALENCIA COLLEGE PROGRAM**  
*(Certification and Credit-by Exam)*

**Mechatronics**  
(1500 Hours)

**Electronics Engineering Technology A.S. Degree**  
**(Up to 15 Credits)**

ETS 2542C Programmable Logic Controllers I (3 credits)  
ETS 1603C Fundamentals of Robotics and Simulation (3 credits)  
ETS 2511C Electromechanical Systems (3 credits)

**Additional Credit based on Credit-by-Exam (6 credits)**

\*EET 1015C Fundamentals of DC Circuits (3 credits)  
\*EET 1025C Fundamentals of AC Circuits (3 credits)

\*Students are eligible to receive additional credit through credit-by-exam after successful completion of MTB 1329 Business Math and EET 1214C Introduction to Engineering Technology.

**MAXIMUM AWARD OF CREDIT**

This agreement makes it possible for a student to receive up to fifteen (15) semester hours of college credit towards the Electronics 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 Mechatronics and Electronics Engineering 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:

**Articulation Agreement Between  
Valencia College and Orange Technical College  
Mechatronics and Electronics Engineering programs  
Page 2**

**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:**

- Students must present a current and valid copy of the following required NIMS certifications:
  - Electronic Control Systems Certification – credit for ETS 2542C and ETS 1603C
  - Electrical Systems Certification – credit for ETS 2511C
- After successful completion of MTB 1329 and EET 1214C, students may receive credit for the following courses through credit-by-exam:
  - EET 1015C and EET 1025C

**Articulation Agreement Between  
Valencia College and Orange Technical College  
Mechatronics and Electronics Engineering programs  
Page 3**

**TRANSFERRING PROCESS (Cont.)**

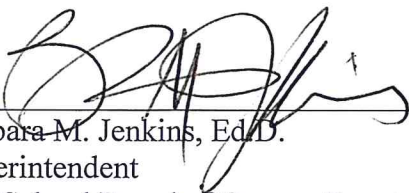
6. After verifying the required documentation and evaluating the approved assessments(s), the Valencia Career Program Advisor or Program Chair for the articulated program will determine eligibility, and notify the Registrar's Office of acceptable credit to be awarded. *(Note: Credit will be awarded after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

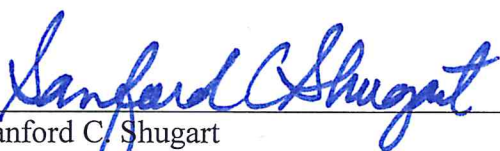
The School Board of Orange County, Florida o/b/o  
Orange County Public Schools Technical College

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

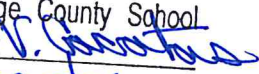
5/13/19  
\_\_\_\_\_  
Date

**APPROVED:**

Valencia College

  
\_\_\_\_\_  
Sanford C. Shugart  
President  
Valencia College

4-5-19  
\_\_\_\_\_  
Date

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