

**Industry Certification/Credential/PSAV to AS Industrial Management
Credit Articulation Identification Form**

AS Degree Name: Industrial Management Technology **CIP Number:** 1652020501

Industry Certification/Credential/PSAV: HVACR-Heating Ventilation Air Conditioning Repair

College Credit: According to State of Florida's Curriculum Frameworks (<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/curriculum-frameworks/2017-18-frameworks/manufacturing.shtml>), the purpose of the AS Degree in Industrial Management Technology is to:

...offer a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the manufacturing career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the manufacturing career cluster.

The State Curriculum Framework goes on in the *Special Notes* section to state:

Students may provide valid evidence of technical or industrial competencies as specified in the curriculum frameworks of an accredited postsecondary adult or postsecondary vocational institution. Students may also provide valid evidence of acquired skills through portfolios, documented work history, and registered apprenticeship programs that meet program outcomes as determined by the college.

Industrial elective credits may also be awarded based on the type of program, length of program, certifications or licenses awarded under articulation agreements between PSAV program schools and/or industrial/technical license articulation agreements.

Industrial elective credits may also be satisfied by the completion of special courses and certificate programs offered by the college specified in the elective section of the college's degree plan.

The purpose of this form is to document the validation of acceptable forms of evidence of the students' *technical or industrial competencies* and/or *acquired skills* that meet program outcomes.

The number of college credits awarded by the articulation agreement is determined by HCC faculty's assessment of the certification/credential/PSAV. A minimum of 30 clock hours of training or work experience will be required for every college credit awarded to a maximum of 30 credit hours. The 30 to 1 clock hour conversion is based on the guidelines for state reporting and FLDOE unit definition of a clock hour.

Validation Mechanism: To be eligible for articulation, the student must show evidence of their current Carpentry VOC.ABC.HVAC-NCCER Certification certification/credential and it must have been issued within three (3) years prior to their enrollment in the program.

Rationale/Justification: ABC-NCCER-HVAC certification represents industry acknowledgement of technical skill attainment of competencies in the AS in Industrial Management Technology program. HCC faculty reviewed the following:

State Curriculum Frameworks

Course Syllabi

Course Exams

Course Scope and Sequence

Textbooks/Course Materials

Other * **Proprietary** to the Program (Offered through Associated Builders & Contractors (ABC) and the National Center for Construction Education and Research (NCCER)

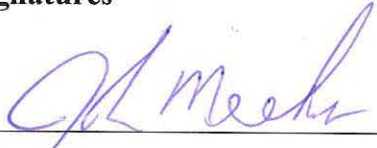
The ABC-NCCER-HVAC certification/credential will serve as equivalent substitutions for the HCC courses identified below.

Post-Secondary Adult Vocational/Apprenticeship/Corporate Training Program			Post-Secondary Institution: Hillsborough Community College		
Program/Courses	Clock Hours	PSAV Course Numbers	Course Code	Course Name	Awarde d Credits
Apprenticeship I			ETI2941	Industrial Management Practicum	
Apprenticeship Co-op I					
Apprenticeship II					
Apprenticeship Co-op II					
Apprenticeship III					
Apprenticeship Co-op III					
Apprenticeship IV					
Apprenticeship Co-op IV					

Apprenticeship V					
Apprenticeship Co-op V					
Apprenticeship VI					
Apprenticeship Co-op VI					
Apprenticeship VII					
Apprenticeship Co-op VII					
Apprenticeship VIII					
Apprenticeship Co-op VIII					
Total Clock Hours	750			Total credits	25

Total Credits Awarded for the courses listed above is 25.


Signatures



 Signature Dean, PSAV and Workforce Training

2-25-19


 Date



 Signature Department Chair, Engineering Technology

4/16/19

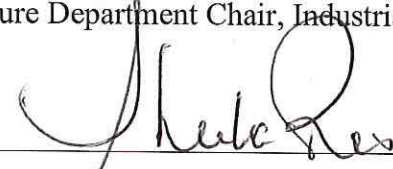
 Date



 Signature Department Chair, Industrial Management

3/28/19


 Date



 Signature Dean

4/16/19

 Date



 Signature Director, Associate in Science Programs

4/22/19

 Date



 Signature Vice President, Academic Affairs

5/23/2019

 Date