MEMORANDUM OF UNDERSTANDING
ADVANCE STANDING CREDIT based on Articulation Statewide Agreement

Engineering Technology A.A.S.
Engineering Technology Support Specialist CCC

Brevard Community College (BCC) will award postsecondary advance standing credit to eligible students who have the industry certification MSSC (Manufacturing Skill Standards Certification – Certified Production Technician (CPT)) AND have completed 9 credit hours in the program core/electives listed below. The student will not be charged tuition or fees for the postsecondary credit awarded through this advance standing credit agreement.

BCC will award advance standing credit for the following courses toward the BCC College Credit Certificate in Engineering Technology Support Specialist* or Associate in Applied Science degree in Engineering Technology:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>College Course Title</th>
<th>College Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETIC 2851</td>
<td>Applied Mechanics (Instrumentation &amp; Measurement)</td>
<td>4</td>
</tr>
<tr>
<td>ETIC 1830</td>
<td>Materials and Processes 1 (Manufacturing Processes &amp; Materials)</td>
<td>3</td>
</tr>
<tr>
<td>ETI 2110</td>
<td>Introduction to Quality Assurance (Quality)</td>
<td>3</td>
</tr>
<tr>
<td>EET 1084</td>
<td>Introduction to Electronics (Electronics)</td>
<td>3</td>
</tr>
<tr>
<td>ETI 1701</td>
<td>Industrial Safety (Safety)</td>
<td>3</td>
</tr>
</tbody>
</table>

Credit will be awarded AFTER completing 9 or more credit hours of core or elective courses in the Associate in Applied Science in Engineering Technology degree (which includes one course within the College Credit Certificate in Engineering Technology Support Specialist), as follows, depending on option selected:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Advanced Technology Option (ETAATO)</th>
<th>College Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETDC 2320</td>
<td>AutoCAD Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>CGS 2100</td>
<td>Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Any other course within this option, including approved electives</td>
<td>3-4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Electronics Option (ETAA)</th>
<th>College Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETDC 2320</td>
<td>AutoCAD Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>CGS 2100</td>
<td>Microcomputer Applications</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Any other course within this option, including approved electives</td>
<td>3-4</td>
</tr>
</tbody>
</table>

*Note: The Engineering Technology Support Specialist CCC may NOT be awarded based on articulated credit.
The procedure for obtaining the advance standing credit will be in accordance with the guidelines below.

Student must meet the following criteria:
- Must meet all BCC admissions requirements including placement testing, and have all transcripts on file
- Enroll in preparatory courses the first term, if required by placement scores
- Be an active student currently enrolled in the Engineering Technology AAS
- Must complete the required 9 credits with a “B” or better
- Submit the Manufacturing Skill Standards Council (MSSC) certificates to: BCC, Office of the Registrar, 1519 Clearlake Road, Cocoa, FL 32922
- MSSC CPT certification must NOT BE EXPIRED

Questions regarding this agreement should be addressed to the Engineering Technology Curriculum Coordinator, the Director of Career & Technical Programs, and/or the Registrar.

This Memorandum of Understanding shall be effective upon the signature of the Vice President of Academic Affairs or designee. This agreement shall remain in effect until reviewed and modified every two years, or terminated by the Florida Department of Education.

VP, Academic Affairs, Brevard Community College
Or designee

Date
October 29, 2008

MEMORANDUM

TO: District Career and Technical Education Directors
   Technical Center Directors
   Community College Occupational Deans

FROM: Lucy D. Hadi

SUBJECT: New Statewide Articulation Agreements: Industry Certification to AAS/AS degree in Engineering Technology, Networking Services Technology, and Computer Engineering Technology

Recently, the State Board of Education approved as a Consent Item, three (3) Statewide Career and Technical Education Articulation Agreements which are based on industry certification. This supports the Department’s Next Generation Strategic Areas of Focus (number three) effort to “Expand opportunities for postsecondary degrees and certificates.”

The State Board of Education approved these agreements to ensure statewide acceptance by institutions:

Colleges offering the Engineering Technology AAS/AS degree agree that the “MSSC Production Technician Certification” credential from the Manufacturing Skills Standards Council shall articulate fifteen (15) college credit hours to the AAS/AS Degree in Engineering Technology.

Colleges offering the Networking Services Technology AAS/AS degree agree that the “Cisco Certified Network Associate (CCNA)” certification from Cisco Systems, Inc. shall articulate twelve (12) college credit hours to the AAS/AS Degree in Networking Services Technology.
Colleges offering the Computer Engineering Technology AAS/AS degree agree that the “Cisco Certified Network Associate (CCNA)” certification from Cisco Systems, Inc. shall articulate twelve (12) college credit hours to the AAS/AS Degree in Computer Engineering Technology.

These agreements are intended to be a minimum guarantee of articulated credit and do not preclude institutions from granting additional credit based on local agreements.

Additional statewide articulation agreements between PSAV to related AAS/AS Degrees have previously been approved. A complete listing of all statewide agreements including the three new agreements based on industry certification can be found at: http://www.fldoe.org/workforce/dwdframe/.

If you have any questions, please contact Mr. Darl Walker by telephone at (850) 245-9020 or via an e-mail to Darl.Walker@fldoe.org.

LDH/gmf

c: Mr. Darl Walker
   Ms. Loretta Costin
MSSC Production Technician Certification to Engineering Technology

Industry Certification to AAS/AS Degree Articulation Statewide Agreement

Worksheet Summary  
AAS/AS Degree Name: Engineering Technology  
AAS/AS CIP Numbers: Engineering Technology Support Specialist (CCC) 0615.061304  
Advanced Manufacturing Specialization: 1615.061300  
Quality Specialization: 1615.070201/0615.070201 Mechanical Design & Fabrication  

Admission Requirements: Students entering the Associate in Applied Science and or the Associate in Science Program in Engineering Technology must have a standard high school diploma or its equivalent, or a CPT Eligible Certificate of Completion. Students must meet the requirements of State Board Rule 6A-10.0315(3), FAC (College preparatory testing, placement, and instruction. --). Students earning scores less than those listed shall enroll in college preparatory communication and computation instruction.

Other admission requirements: None

Validation Mechanisms: Industry Certification: Credit in escrow pending successful completion of nine (9) credit hours in the program core/electives with at least one course in the Engineering Technology Support Specialist program core.

Community college faculty committee met and agreed to propose that the Colleges offering the Engineering Technology AAS/AS degree agree that the “MSSC Production Technician Certification” credential from the Manufacturing Skills Standards Council shall articulate fifteen (15) college credit hours to the AAS/AS Degree in Engineering Technology as delineated below:

The common core of the Engineering Technology degree consists of 18 credit hours of technical core courses bundled as an 18 credit hour College Credit Certificate (Engineering Technology Support Specialist, CIP Number: 0615.061304) from the following areas:

1. Instrumentation and measurement (3 credit hours)
2. Manufacturing processes and materials (3 credit hours)
3. Quality (3 credit hours)
4. Electronics (3 credit hours)
5. Safety (3 credit hours)
6. Computer-aided drafting (3 credit hours) The industry certification shall provide credit for the college’s course in areas 1-5 of this common core. Area 6, Computer-aided drafting, is not included in the articulation as these competencies are not adequately verified by the certification.
The Engineering Technology Support Specialist, College Credit Certificate may not be awarded based on articulated credit.

This agreement does not preclude but encourages the awarding of additional credits by any college through local agreements.

Community College: AAS/AS in Engineering Technology.

General Education ................................................................. 15 credit hours
Common Core (Engineering Technology Support Specialist (CCC)… 18 credit hours
Program Specialization Core/Electives ........................................ 27 credit hours
Total AAS/AS Degree Program .................................................. 60 credit hours

Will award course credits or a block of credit toward AAS/AS program for 15 hours of credit.