

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE GEORGIA DEPARTMENT OF EDUCATION  
AND  
THE TECHNICAL COLLEGE SYSTEM OF GEORGIA  
REGARDING  
*ARTICULATED CREDIT FOR THE MECHATRONICS PATHWAY***

This Memorandum of Understanding (“MOU” or “Agreement”) is made and entered into by and between the Georgia Department of Education (“GaDOE”) and the Technical College System of Georgia (“TCSG”) (individually a “Party” and collectively as the “Parties”) regarding the Articulation of Credit Agreement for the Mechatronics and Industrial Systems Program (“Initiative”).

**WHEREAS** the purpose of the Initiative is to provide students with the opportunity to receive specified college credit as a result of the successful completion of specified high school courses taken in a pathway and an external assessment or credential; and

**WHEREAS** this Initiative will allow students to receive credentialing in the specified field more quickly and without duplication of coursework between high school and college curriculum; and

**WHEREAS** GaDOE and TCSG are the primary providers of these curricula, articulation between the two agencies will facilitate the goals of the Initiative.

**NOW, THEREFORE**, in consideration of the mutual promises exchanged herein, the Parties, with acknowledgement that the policies for awarding credit vary from one technical college to another and is within the sole discretion of the technical college, hereby agree as follows:

1. The Technical College System of Georgia agrees that colleges, upon the evaluation of a student’s coursework and assessments, may award credit for the following courses:
  - A. Direct Current (IDFC 1011), Alternating Current (IDFC 1012), Industrial motor Controls I (IDSY 1110), Basic Industrial PLCs (IDSY 1120), Industrial Mechanics (IDSY 1170), Fluid Power Systems (IDSY 1190), provided that the enrolling student has successfully completed the following:

I. Three (3) GaDOE Mechatronics courses with a final grade of “C” or better

<b>GaDOE Mechatronics Course Number</b>	<b>GaDOE Mechatronics Course Name</b>
21.46200	Introduction to Mechatronics
21.46300	AC, Electric Motors & Hydraulic Systems
21.46400	Semi-Conductors, Mechanical Systems, Pump & Piping Systems

II. Successful completion of one of the following assessments/ certifications:

<b>Assessment</b>	<b>Agency</b>
NC3	National Coalition of Certifications (FESTO)
Industrial Maintenance	NCCER
Mechatronics & Engineering	NCCER
Mechatronics	Siemens
Mechatronics Level I	NOCTI
Mechatronics Skills Connect	SkillsUSA
Mechatronics Certification Test – Fluid Power	PMMI
Mechatronics Certification Test – Industrial Electricity I	
Mechatronics Certification Test – Mechanical Components I	
Mechatronics Certification Test – Motor and Motor Controls	
Mechatronics Certification Test – Programmable Logic Controllers I	

TCSG instructors may choose the option of an institutionally developed assessment which the student must pass with a score of 70% or higher.

- The Parties agree that they shall safeguard the confidentiality of student data as required by the Federal Family Educational Rights and Privacy Act (FERPA, 20 U.S.C. § 1232g, 34 C.F.R. § 99.33(a)) and all other applicable laws and regulations.



3. The Parties acknowledge and agree that neither Party shall be responsible for any loss, injury, or other damage to the person or property of anyone participating in the Initiative unless such loss, injury, or damage results from the negligence or willful conduct of that party, its agents, officers, or employees.
4. This relationship is intended solely for the mutual benefit of the parties hereto, and there is no intention, expressed or otherwise, to create any rights or interest for any party or person other than the parties; without limiting the generality of the foregoing, no rights are intended to be created for any student, parent, or guardian of any student, spouse, next of kin, employer, or prospective employer of any participant of the Initiative.
5. Each Party shall designate a single point of contact to address and resolve any issues or concerns with anything related to this Agreement. Each Party shall notify the other party in writing within fourteen (14) calendar days of any change of the point-of-contact. The following individuals are designated by their respective Party as the initial point of contact:

**GaDOE:**

Barbara M. Wall, Ed.D.  
Deputy Superintendent of Career, Technical, and Agricultural Education  
Suite 2053 Twin Towers East  
205 Jesse Hill, Jr. Drive  
Atlanta, Georgia 30334  
Cell: 404-387-1666  
bwall@doe.k12.ga.us

**TCSG:**

Kathryn R. Hornsby, Ph.D.  
Assistant Commissioner, Technical Education  
1800 Century Place, Suite 400  
Atlanta, GA 30345  
404-679-5281  
khornsby@tcsge.edu

In the event a Party decides to designate a new point of contact, written notice must be given to the other Party within 15 days after the change happens. The notice shall include the name, title, address, phone number, and email of the new point of contact. Identification of a new point of contact is not considered an amendment to this Agreement.

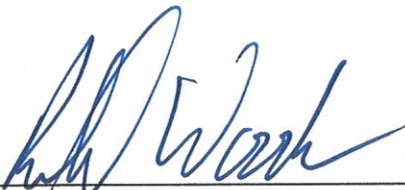
6. This Agreement shall become effective upon date of last signature and shall end on **March 15, 2026**.

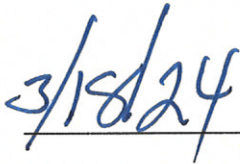
7. The Parties may renew this Agreement with a mutually signed written agreement for successive one (1) year terms up to four (4) additional years.
8. The terms and conditions of this Agreement shall be periodically reviewed by the Parties. Each Party agrees to inform the other regarding curriculum or assessment changes that may impact the terms of this Agreement.
9. No modifications or alterations of this Agreement will be valid or effective unless each modification or alteration is made as an Amendment to the Agreement and signed by both parties.
10. This Agreement may be terminated by either Party without reason or cause by providing to the other party written notice not less than thirty (30) calendar days in advance of the desired termination date.
11. Each party represents that there is no litigation or proceeding pending, or to its knowledge, threatened against it having a material adverse effect on the right of the Party to secure this Agreement or the ability of the Party to comply with any of its obligations under this Agreement.
12. No Party will be deemed to have waived any provisions of this Agreement unless such waiver is made explicit in writing and signed by the Party waiving such provision. No waiver shall be deemed to be a continuing waiver unless so stated in writing.
13. This Agreement shall not be assigned or transferred unless consented to in writing by the Department.
14. If any provision of the Agreement is determined to be invalid or unenforceable, such determination shall not affect the validity or enforceability of any other part or provision of the Agreement. Further, if any provision of the Agreement is determined to be unenforceable by virtue of its scope but may be made enforceable by a limitation of the provision, the provision shall be deemed to be amended to the minimum extent necessary to render it enforceable under the applicable law.
15. This Agreement shall be governed by, construed, and applied in accordance with the laws of the State of Georgia. Any action brought by one Party to this Agreement against the other shall be brought in the Superior Court of Fulton County.

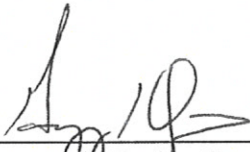


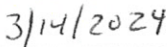
16. This Agreement may be executed in one or more counterparts which, when taken together, will constitute one agreement. Copies of this Agreement will be equally binding as originals and faxed or scanned and emailed counterpart signatures will be sufficient to evidence execution.

**IN WITNESS WHEREOF**, the parties state and affirm that they are duly authorized to bind the respected entities designated below as of the day and year indicated.

  
\_\_\_\_\_  
Richard Woods, Superintendent  
Georgia Department of Education

  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Gregory A. Dozier, Commissioner  
Technical College System of Georgia

  
\_\_\_\_\_  
Date

## Assessment

FESTO-Level 1 Fundamentals of Electricity AC/DC

FESTO-Level 1 Fundamentals of Electricity AC/DC

FESTO-Level 1 Fundamentals of PLCs

FESTO-Level 1 Fundamentals of Fluid Power

Industrial Maintenance

Mechatronics

Mechatronics Level I

Mechatronics Skills Connect

Mechatronics Certification - Fluid Power

Mechatronics Certification - Industrial Electricity I

Mechatronics Certification - Mechanical Components I

Mechatronics Certification - Motor and Motor Controls

Mechatronics Certification - Programmable Logic Controllers I

Agency	Passing Score	TCSG Course
NC3	70%	IDFC 1011
NC3	70%	IDFC 1012
NC3	70%	IDSY 1120
NC3	70%	IDSY 1190
NCCER	70%	IDSY 1170, IDSY 1190
Siemens	68%	IDSY 1120
		IDFC 1011, IDFC 1012, IDSY
NOCTI	51.3	1170, IDSY 1190
SkillsUSA	70%	IDFC 1012, IDSY 1120, IDSY 1190
PMMI	72%	IDSY 1190
PMMI	70%	IDFC 1011, IDFC 1012
PMMI	70%	IDSY 1170
PMMI	67%	IDSY 1110
PMMI	70%	IDSY 1120