

**ARTICULATION AGREEMENT**  
**between**  
**Triangle Tech and Indiana County Technology Center**

In order to provide secondary school students with a continuum of education without unnecessary duplication of instruction or delay in attaining educational/career objectives, **Triangle Tech** and **Indiana County Technology Center** have entered into this articulation agreement. Credits will be granted on the basis of the courses listed below:

**Indiana County Technology Center**

**Heating, Air Conditioning, Ventilation & Maintenance Technology/Technician**

**CIP 47.0201**

**Triangle Tech**

**Refrigeration, Heating, Ventilation, & Air Conditioning Technology**

Unit Number	Course Name	Hours	Semester	Course Number	Course Name	Semester Credit Hours
601	Describe methods of producing electricity using appropriate terms	5				
602	Calculate basic electrical quantities using Ohm's law.	25				
603	Explain how magnetism is used in different HVAC components.	4				
604	Identify Safe Electrical Practices.	5				
605	Recognize and draw various types of electrical schematics and symbols.	25				
606	Demonstrate proper wiring techniques.	20				
607	Demonstrate electrical testing to include mechanical/electrical relays.	2	1st	RH111	Essentials of Electricity and Electronics	2
608	Wire series circuit, parallel circuit, and series / parallel circuit.	40				
609	Install electrical disconnects, circuit breakers and fuses.	40				
610	Identify and test capacitors.	5				
611	Identify electrical motors and their applications.	5				
612	Recognize motor control protection and start devices.	3				
613	Recognize Electrical Codes.	5				
614	Demonstrate knowledge of transformers and their applications.	2				
	Related Class Hours Total	186				
401	Identify types of blueprint plans.	10				
402	Read and Interpret blueprint plans.	10	3rd	RD234	Blueprint Reading	1
	Related Class Hours Total	20				
1401	Explain heat pump modes of operations.	25				
1402	Identify and describe heat pump components.	15	3rd	RH235	Heat Pumps	2
1403	Demonstrate how to install heat pumps.	25				
	Related Class Hours Total	65				
	<b>Total Hours</b>	<b>271</b>			<b>Total Semester Credit Hours</b>	<b>5</b>

Before course credit(s) can be awarded, the following conditions must be fulfilled:

1. Student must meet standard admission criteria of Triangle Tech.
2. Applicant must notify the Admissions Department at Triangle Tech of his/her intention to apply for the grant of credit under this agreement.
3. Application for the grant of credit must be made within one year after coursework at the secondary institution has been completed.

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4. Applicants, who desire credit for the above-mentioned courses at Triangle Tech, must have earned a "B" or higher average in the related Indiana County Technology Center courses. Indiana County Technology Center must provide a final transcript of grades, which lists the applicant's earned final grade for each above-mentioned course referenced in this agreement for credit-transfer.
5. In lieu of a letter grade, the applicant will receive a "CR" grade on their Triangle Tech transcript designating that the applicant has received credit for the above-mentioned courses.
6. Upon completion of the application requirements, credit(s) may be granted on a course by course basis and the student will be granted \$482.50 per credit per course toward their tuition at Triangle Tech. (If credit per course price increases, credit per course granted will increase to match.)
7. Applicant should be aware that courses for which credits are granted may have an impact on the overall financial aid resources available to the student, if the total semester credits actually taken after credits are granted fall below 12 credits per semester.

**CLASSROOM PRESENTATIONS**

As part of this agreement, **Indiana County Technology Center** administrators will permit Triangle Tech representatives to conduct classroom presentations to electrical classes at **Indiana County Technology Center**, each year, to promote RHVAC careers and this articulation agreement.

**DURATION OF REVIEW**

This agreement will take effect upon the affixing of signatures by each of the parties named below.

This Memorandum of Agreement shall be effective from the date of affixing signatures and shall be renewed annually one year from the date of origination. It remains subject to such revisions as are mutually agreeable at the time of annual review, but the duration of the agreement shall be considered continuous. Either party may terminate the agreement at the time of annual review provided the party has given written notice 90 days in advance of intent to do so.

In testimony thereof, witness the duly authorized signatures of the parties hereto:

(1)   
Authorized Signature - Triangle Tech

Date: 8/30/2020

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

(1)   
Authorized Signature - Indiana County Technology Center

Date: 8.24.2021

Print Name: MICHAEL McDERMOTT

Title: ADMIN DIRECTOR