



HVAC

COURSES | CREDENTIALS | CREDITS

SUBJECT CODES: REQUIRED COURSES

CODE	DESCRIPTION	OHE CTAG
178012	Heating Cooling Systems	--
178000	Construction Tech	--
178013	HVAC Refrigeration	--
178014	Sheet Metal	--
TOTAL CTAGs		0

INDUSTRY- RECOGNIZED CREDENTIALS (IRC) OPPORTUNITIES

CREDENTIAL	VENDOR/PROVIDER	IRC POINTS
Refrigerant Recovery Core + Level 1	Environmental Protection Agency (EPA)	12
Refrigerant Recovery Core + Level 2	Environmental Protection Agency (EPA)	12
Refrigerant Recovery Core + Level 3	Environmental Protection Agency (EPA)	12
NCCER Core	National Center for Construction Education & Research	6
NCCER Level 1	National Center for Construction Education & Research	6
NCCER Level 2	National Center for Construction Education & Research	12
OSHA	CareerSafe	1
CPR and First Aid	MCCC	1
Pre-Apprenticeship	Ohio Department of Education	12
TOTAL IRC POINTS		86

TRANSCRIPTED IN-STATE TRANSFERABLE CREDIT OPPORTUNITIES

COLLEGE/UNIVERSITY	COURSES	POTENTIAL CREDITS
Cuyahoga Community College	Mechanical/Electrical Print Reading	2
Cuyahoga Community College	Applied Electricity I	3
Cuyahoga Community College	Applied Electricity II	3

ARTICULATION AGREEMENTS

COLLEGE/UNIVERSITY	DEGREE	POTENTIAL CREDITS
University of Akron	Associate of Technical Studies	30

Subject Codes: Required Courses

Ohio Department of Education required courses taught within the career-technical program.

Industry-Recognized Credential (IRC) Opportunities

Each Ohio Department of Education approved industry-recognized credential has been assessed a point value based on employer demand and other factors to allow students the opportunity to bundle credentials for graduation.

Career-technical education credentials primarily reflect education, industry licenses, industry certificates and postsecondary degrees.

Transcribed In-State Transferable Credit / CTAGs

Alignment between secondary and postsecondary career-technical education content. Earned college credits are transferable to Ohio public institutions of higher education (OHE).

Articulation/Bilateral Agreements and Opportunities

A partnership between institutions (MCCC and colleges/universities) to recognize credits which will be accepted when a student enrolls into a college or university to pursue a specific degree program.



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CTAGs (CAREER TECHNICAL ASSURANCE GUIDES)

CTAG transferable credits are earned through career technical WebXam assessments (See SUBJECT CODES: REQUIRED COURSES on the first page) and are alignments between secondary (high school) and postsecondary (e.g., college) institutions. The postsecondary institution retrieves and verifies data if the students check the box on their WebXam(s) giving consent. Support for acquiring CTAGs varies at postsecondary institutions. Students should notify the postsecondary institutions of their available CTAG transferable credits.

STEP 1: Pass MCCC Career Major WebXam(s) and ensure the box at the end of the exam is checked allowing Ohio institutions to obtain score(s).

STEP 2: Contact postsecondary counselor and inform them of the CTAG transferable credits in the following areas:

N/A

STEP 3: Notify the postsecondary Registrar's office, Tech Prep office, or department chair as applicable.

ARTICULATION AGREEMENTS

Articulation agreements are partnerships between institutions (MCCC and colleges/universities) to recognize credits which will be accepted when a student enrolls into a college or university to pursue a specific degree program. Articulation agreements are non-transferable.

STEP 1: Complete articulated credit application (See ARTICULATION AGREEMENTS links on first page) and submit application to MCCC instructor. If a link is not available, please contact MCCC instructor or Real-World Learning Coordinator.

STEP 2: Contact postsecondary counselor and inform them of the postsecondary credit earned through the articulated agreement.

STEP 3: Notify the postsecondary Registrar's office, Tech Prep office, or department chair as applicable.