



# **Syracuse City School District Construction Technology Program Reapproval Self-Study Report**

Career and Technical Education

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March 2023

# Construction Technology Program Reapproval Self-Study Report

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# The Self-Study Process

The self-study is an important step in the career and technical education approval process and provides for an in-depth evaluation of the program of study. Its purpose is to bring together primarily internal stakeholders to review the CTE program and propose relevant modifications.

[NYSED Self-Study Process](#)

# Program Information

At the completion of Construction Technology program, students will be able to apply the trade skills necessary for entry-level employment, apprenticeships and post-secondary education.

Students will study and practice safety training, framing, roofing, door and window installation, hand and power tool use, concrete, masonry and bricklaying, blueprint reading, plumbing, electrical, and construction equipment and rigging.

Students will learn the theory of the construction process and have the opportunity to put those theories into practice with authentic, hands-on, project-based activities.

Students will also have the opportunity to earn the NCCER (National Center for Construction Education and Research) Construction Core as well as the OSHA 10 certifications, recognized throughout the construction industry as indicators that the individual is job ready.

[NYSED CTE Program Requirements](#)

## Construction Technology

Nottingham CTE Pathway

**The Career Field:** The construction industry prepares sites for new construction and builds new structures, as well as additions and modifications to existing ones. The industry also includes maintenance, repair, and improvements on these structures.

Employment in this field is projected to grow 12 percent from 2016 to 2026, faster than the average for all occupations.



**The Program:** The Construction Technology program teaches students the essential skills needed to begin a career in the building and construction trades. Students will gain real-world knowledge and hands-on experience in the fundamental components of carpentry, drywall, painting, framing, roofing, floor installation, door and window installation, blueprint reading, siding, electrical wiring, plumbing, proper tool use, and OSHA safety training.

Students will develop and demonstrate integrated academics and employability skills through class activities, projects, community service and professional development.



# Curriculum

- Level 100 – Level 400
  - Integrated credit in ELA and Math
  - Embedded Career and Financial Management
- NYSED Curriculum Requirements
- NYSED Overview of Integrated and Specialized Academic Credits
- NYSED Career and Financial Management Framework



# Program Data


Construction Technology Program Data			
Coursework	Technical Assessment		Technical Endorsement
How many students have completed the coursework for this program of study since it was last approved or re-approved? Please indicate totals by program year.	Of the total number of students who have completed the coursework, how many students completed the technical assessment used in this program?	Of the total number of students who have completed the technical assessment, how many passed?	How many students received a technical endorsement?
2018-2019 0	2018-2019 0	2018-2019 0	2018-2019 0
2019-2020 19	2019-2020 19	2019-2020 19	2019-2020 19
2020-2021 13	2020-2021 13	2020-2021 13	2020-2021 11
2021-2022 22	2021-2022 21	2021-2022 21	2021-2022 21
Cumulative Total 54	Cumulative Total 34	Cumulative Total 22	Cumulative Total 51
Of the total number of students who have completed the coursework for this program of study, how many had IEPs?	Of the total number of students who have completed the coursework and completed the technical assessment, how many had IEPs?	Of the total number of students with IEPs who completed the technical assessment, how many passed?	Of those students who received the technical endorsement, how many had IEPs?
2018-2019 0	2018-2019 n/a	2018-2019 n/a	2018-2019 n/a
2019-2020 7	2019-2020 n/a	2019-2020 n/a	2019-2020 n/a
2020-2021 5	2020-2021 5	2020-2021 5	2020-2021 5
2021-2022 9	2021-2022 9	2021-2022 9	2021-2022 9
Cumulative Total 21	Cumulative Total 14	Cumulative Total 14	Cumulative Total 14
Of the total number of students who have completed the coursework for this program of study, how many had Section 504 plans?	Of the total number of students who have completed the coursework and completed the technical assessment, how many had Section 504 plans?	Of the total number of students with Section 504 plans who completed the technical assessment, how many passed?	Of those students who received the technical endorsement, how many had section 504 plans?
2018-2019 n/a	2018-2019 n/a	2018-2019 n/a	2018-2019 n/a
2019-2020 n/a	2019-2020 n/a	2019-2020 n/a	2019-2020 n/a
2020-2021 n/a	2020-2021 n/a	2020-2021 n/a	2020-2021 n/a
2021-2022 2	2021-2022 2	2021-2022 2	2021-2022 2
Cumulative Total 2	Cumulative Total 2	Cumulative Total 2	Cumulative Total 2



# Career Outlook



U.S. BUREAU OF LABOR STATISTICS

Quick Facts: Construction Laborers and Helpers	
2021 Median Pay 	\$37,520 per year \$18.04 per hour
Typical Entry-Level Education 	<a href="#">See How to Become One</a>
Work Experience in a Related Occupation 	None
On-the-job Training 	Short-term on-the-job training
Number of Jobs, 2021 	1,572,200
Job Outlook, 2021-31 	4% (As fast as average)
Employment Change, 2021-31 	69,500

[Construction Laborers and Helpers Occupational Employment and Wage Statistics State Data](#)

[Construction Laborers and Helpers Occupational Employment and Wage Statistics Local Data](#)



# Certification

## Construction Technology Teacher: Jim McGinty

Search Results

Select	First Name	Last Name	MI	City	State	Registration Status
<input checked="" type="radio"/>	JAMES	MCGINTY	P	SYRACUSE	NY	Expired

[View Detail](#)

Certificate Information for New York State Teaching Certificate Holder

Certificate Title	Issue / Effective Date	Expiration Date	Status
Technology Education Provisional Certificate	02/01/2003	01/31/2010	Expired
Technology Education Permanent Certificate	09/01/2009		Issued

Certified by the State of New York solely for purposes of employment by the City School District of the City of New York and the operation of the School District.

Search Results

Select	First Name	Last Name	MI	City	State	Registration Status
<input checked="" type="radio"/>	NICHOLAS	LISI		SYRACUSE	NY	Registered Active

[View Detail](#)

Certificate Information for New York State Teaching Certificate Holder

Certificate Title	Issue / Effective Date	Expiration Date	Status
Media Communications 7-12 Initial Certificate	09/01/2011	08/31/2016	Expired
Coordinator of Work-Based Learning Programs for Career Development Extension Initial Extension Annotation	12/19/2013	08/31/2016	Expired
Media Communications 7-12 Professional Certificate	03/17/2016		Issued
Coordinator of Work-Based Learning Programs for Career Development Extension Professional Ext/Anno	03/17/2016		Issued

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# Certification

## Search Results

Select	First Name	Last Name	MI	City	State	Registration Status
<input checked="" type="radio"/>	RHIANNON	WHITE	M	LIVERPOOL	NY	Expired
<input type="radio"/>	RHIANNON	WHITE	M	FAIRPORT	NY	Registered Inactive

[View Detail](#)

## Certificate Information for New York State Teaching Certificate Holder

Certificate Title	Issue / Effective Date	Expiration Date	Status
English 7-12 Permanent Certificate	02/01/2007		Issued
English 7-12 Provisional Certificate	02/01/2002	01/31/2007	Expired

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## Search Results

Select	First Name	Last Name	MI	City	State	Registration Status
<input checked="" type="radio"/>	IAN	LANE	E	SYRACUSE	NY	Registered Active
<input type="radio"/>	IAN	LANE	A	HURLEY	NY	N/A

[View Detail](#)

## Certificate Information for New York State Teaching Certificate Holder

Certificate Title	Issue / Effective Date	Expiration Date	Status
Mathematics 7-12 Initial Certificate	09/01/2007	08/31/2012	Expired
Mathematics 7-12 Professional Certificate	09/01/2012		Issued

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## NYSED Program Faculty Requirements



# Technical Assessment

NOCTI Exam:

Building Construction

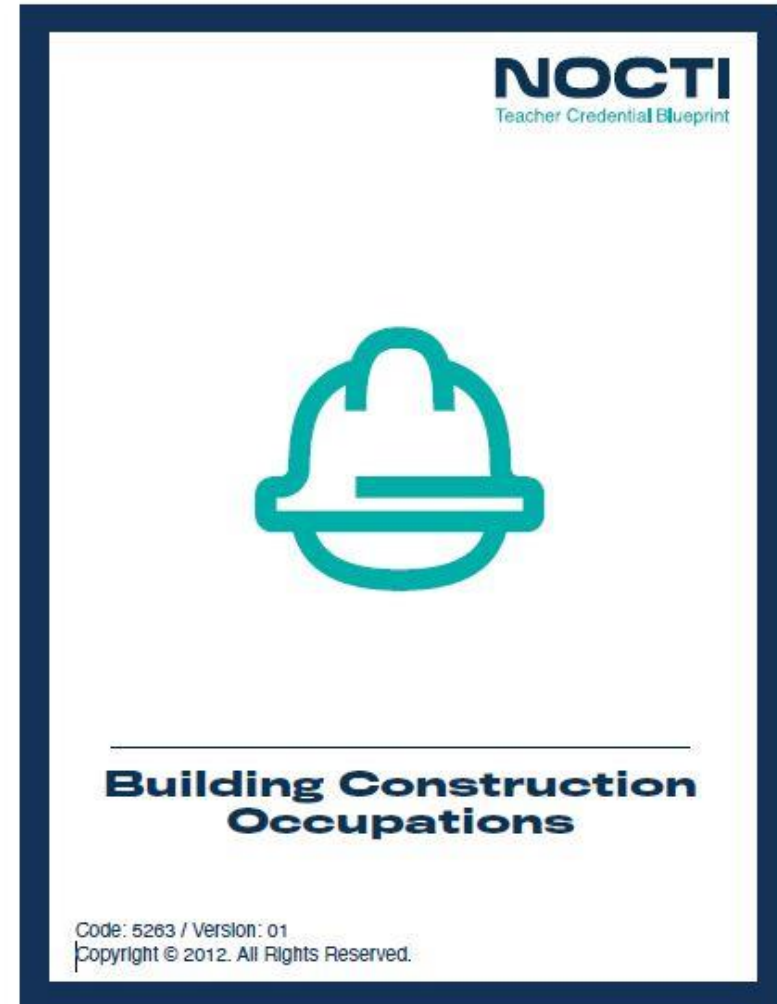
Occupations Code: 5263

SCSD Career Portfolio

Career Portfolio Rubric

NYSED Technical Assessment  
Requirements

NYSED Technical Endorsement  
Requirements



# Work-based Learning

## SCSD Work-based Learning

Students will be connected with construction technology professionals in the community through Career Coaching, field trips and job shadowing which could lead to further opportunities for direct job training and real-world experience. Students will create and maintain a portfolio of their work-based learning experiences throughout the program to document the development of their skills.

Syracuse City Schools Work-based Learning Handbook

NYSED Work-based Learning Requirements



# Employability Profiles

## Employability Profiles:

- Industry Based Skill Standards
- Career Development Standards

## NYSED Employability Profile Requirements


## Advisory Council Members

- Jeff Albert, Associated Builders & Contractors
- Greg Lancette, CNY Building Trades Council
- Chris Gray, Turner Construction
- Joyce Dennington, Hayner Hoyt Construction Company
- Chad Eassa, R B Woodcraft.com
- Steve Tallman, TAG Mechanical
- Joe Branagan, Classic Cozy
- Brian McGiveron, Vanderhoof Roofing Company, Inc.
- Jake McKenna President, Parsons-McKenna Construction
- Kristine Chmura and Greg Patane, Lowes
- Mary Thompson, Home Builders Association of CNY
- Andy Martin and Dave Martin, Martin Custom Homes
- Sarah Bernard, Habitat for Humanity
- Mark McCarthy, Construction Trades
- Steve Calocerinos, Calocerinos Engineering
- Mark DeAngelis Jr., Mark Antony Homes
- Anthony Minieri, BR Johnson
- Earl Hall, Syracuse Builders Exchange
- Heather Schmidtka, Human Resources Manager Barrett Paving
- Marie A. Smithgall, Council Representative for the North Atlantic States Regional Council of Carpenters
- Joan Christiana , Christiana Millworks
- Lekia Hill, Community Outreach and Diversity Coordinator, Heuber Brewer Construction
- Jeffrey Spenard, AIA, Discipline Manager, Labella Associates
- Bill Rathbun, Roofers Local 195



# Post-Secondary Articulation Agreement

Our Construction Technology program has articulation agreements with Mohawk Valley Community College and SUNY Morrisville



**Residential Construction A.O.S.  
RESC 130 Light Framing (3 credits)  
Articulation Agreement Between  
SUNY Morrisville  
And  
William Nottingham High School  
Construction Trades Technology Program**

STATE UNIVERSITY OF NEW YORK • COLLEGE OF AGRICULTURE AND TECHNOLOGY  
P.O. BOX 901 • MORRISVILLE, NEW YORK • 13408-0901

MOHAWK VALLEY COMMUNITY COLLEGE  
UTICA-ROME, NY 13501  
AND  
SYRACUSE CITY SCHOOL DISTRICT  
725 HARRISON STREET, SYRACUSE NY 13210

**ARTICULATION AGREEMENT**

The purpose of this articulation agreement is to develop an ongoing relationship between Mohawk Valley Community College (MVCC) and Syracuse City School District (SCSD), enabling each of these institutions to better serve their common students. The relevant faculties of MVCC and SCSD subscribe to the following memorandum of understanding based on their mutual concern for providing applied programs that will build upon past student experiences and eliminate unnecessary duplication of instruction.

It is agreed, subject to the following conditions, that MVCC will grant 6 college credit hours for CB101-Carpentry 1 and CB121-Masonry 1 for all students who complete SCSD's Construction Technology CTE program (Note This agreement is valid for up to 1 year post SCSD graduation).

To receive college credit for CB101 and CB121, SCSD Construction Technology CTE graduates must meet the following criteria:

1. Achieved a minimum cumulative average of 85 during their SCSD secondary school experience.
2. Completed the SCSD Construction Technology CTE pathway.

Process for granting credit owed:

1. Students will arrange a meeting with the Assistant Vice President (AVP), Academic Affairs or designee by calling 315-792-5446 upon entrance into MVCC. At the meeting, students will provide documentation supporting their attainment of the above criteria #1-2.
2. The AVP or designee will verify that the student meets criteria #1-2 identified above.
3. Upon verification of the student's fulfillment of criteria #1-2, the AVP or designee will communicate with MVCC's Registrar to authorize the granting of transfer credit for CB101 and CB121.

This agreement is effective for 5 years subsequent to the completion of the signing process unless either party has significant changes in the program. SCSD may terminate the Agreement upon thirty (30) days written notice to the College. The College reserves the right to make final determination concerning all college credit awarded. This Agreement incorporates all provisions of the Data Privacy Plan and Parents' Bill Of Rights For Data Security And Privacy executed by MVCC.

<p>Syracuse City School District</p> <p>Construction Technology Instructor Date: 3/11/22</p> <p>Director of Career Technical Education Date: 3/11/22</p> <p>Superintendent Date: 3/11/22</p>	<p>Mohawk Valley Community College</p> <p>Dean, School of STEM-Careers Date: 3/14/22</p> <p>V.P. for Learning &amp; Academic Affairs Date: 3/22/22</p> <p>Registrar Date: 3/21/22</p>
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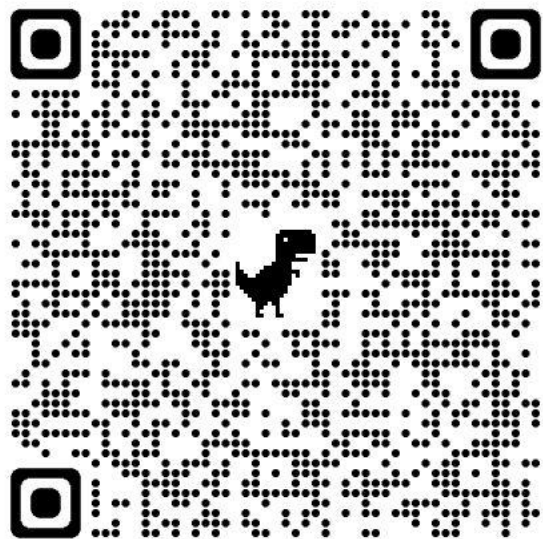
Mohawk Valley Community College does not discriminate on the basis of age, race, creed, color, sex, sexual orientation, national origin, disability, religion, marital status, pregnancy, religion, postsecondary pursuit characteristics, marital status or domestic violence victim status in admission, employment, and treatment of students and employees or in any aspect of the business of the College.

## NYSED Post-Secondary Articulation Agreement Requirements



# Thank you!!!

It is important to provide your thoughts in the Self Study report. Please access the QR code or click on the graphic below to record your comments. We will also email you the link.



We appreciate your time and support of our programs and look forward to your feedback.

