

Richard J. Daley College

6/08/2023

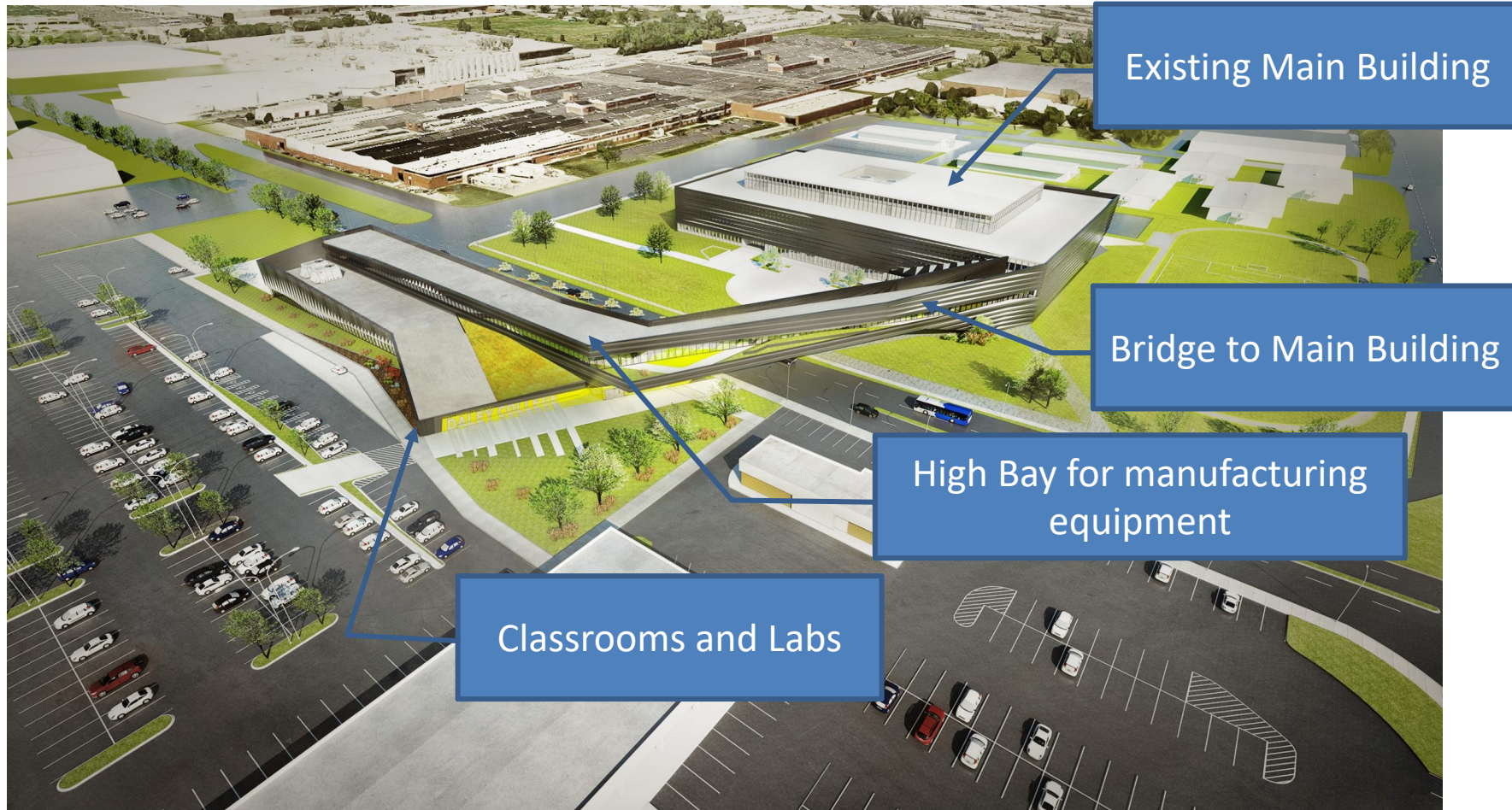
David Girzadas

Innovate. Educate. Collaborate.



CITY COLLEGES of CHICAGO
Richard J. Daley
Education that Works

Daley College Campus



Existing Main Building

Bridge to Main Building

High Bay for manufacturing
equipment

Classrooms and Labs



Advanced Manufacturing at Daley College

New Building, Programs, Equipment and Machines



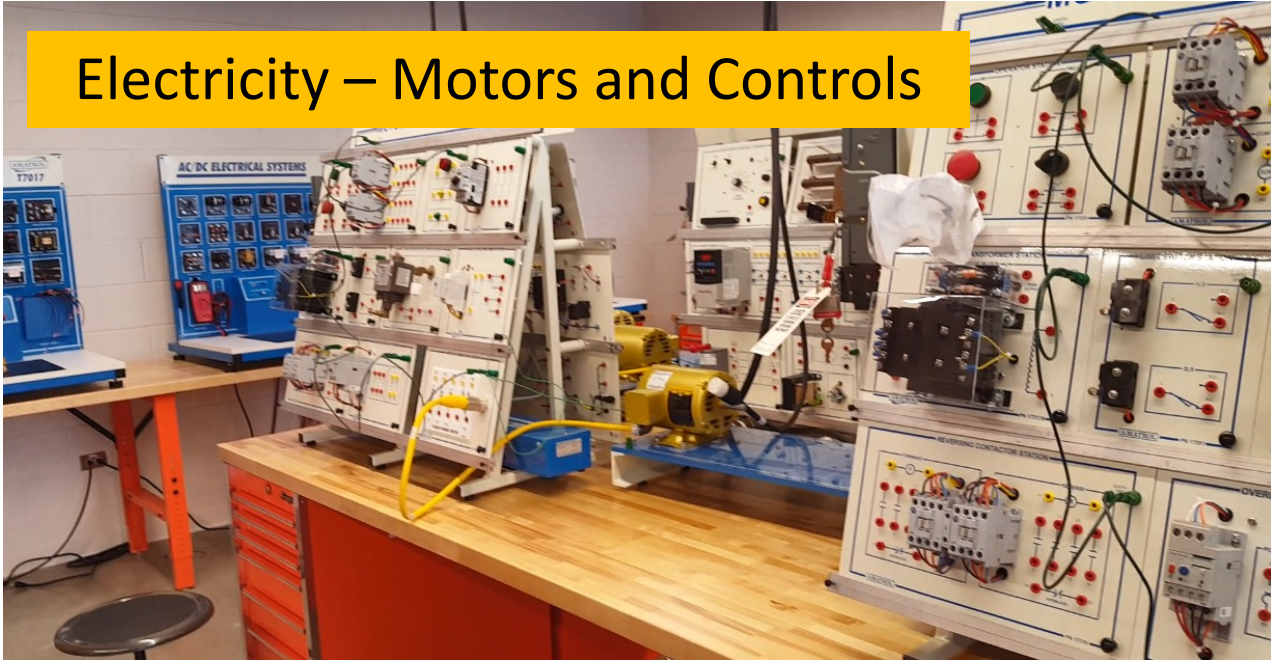
- *Pre-Engineering*
- *CNC*
- *Welding*
- *Mechatronics*
- *CAD*
- *Supervision*

Advanced Manufacturing at Daley College



Basic Certificates, Advanced Certificates, Associates Degrees

Electricity – Motors and Controls



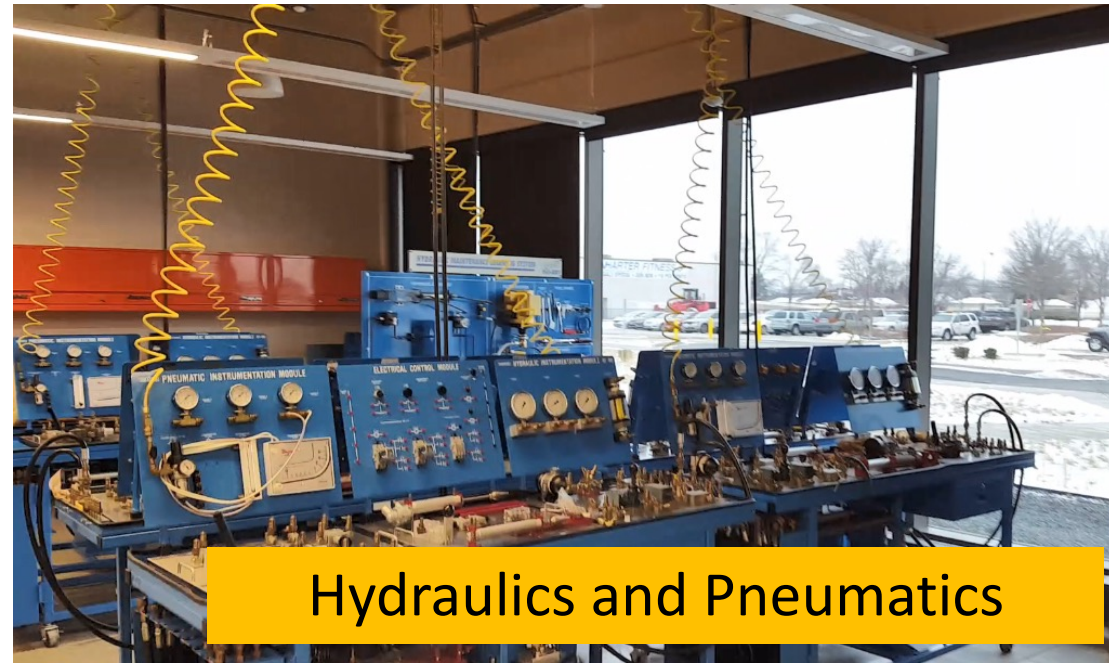
CNC Machining



Mechanical Skills



Hydraulics and Pneumatics





Robotics



Computer Controls



Welding



Machining and Automation



Great Northern - Robotic Welding

Local employers that have hired and are looking for new students from Daley College!



Target Distribution Center - Mechatronics



Great Northern - Brake Press



Great Lakes Coca Cola Bottling



Great Northern - Laser Cutting



Modern Process Equipment
CNC Lathe

Local employers...



Modern Process Equipment
Machine Assembly



Donson Machine
CNC Milling



Pactiv Evergreen – Plastic Molding



Mondelez International
Bakery Operations

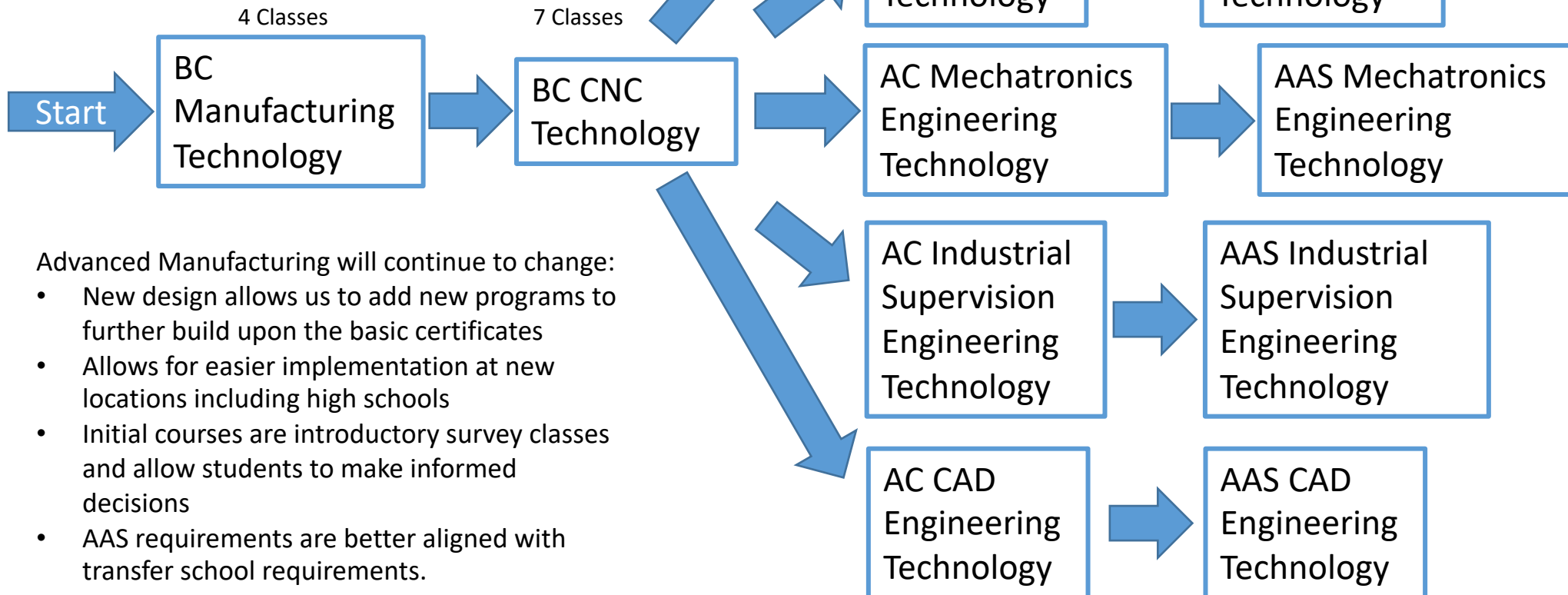


Pipefitters Union - Welding

New Design for Advanced Manufacturing Program

Students start here with the same questions:

- No need to decide a pathway up front
- Broad foundation of common classes
- Exposure to all the pathways
- Ability to deep dive into focus areas with each pathway having an AAS
- Ability to add additional pathways over time as industry needs develop
- Less equipment required for initial BC's



AAS Degrees

15 Manufacturing Classes

+

5 Gen Ed Classes

20 Classes Total

Advanced Manufacturing will continue to change:

- New design allows us to add new programs to further build upon the basic certificates
- Allows for easier implementation at new locations including high schools
- Initial courses are introductory survey classes and allow students to make informed decisions
- AAS requirements are better aligned with transfer school requirements.

RICHARD J. DALEY COLLEGE

MTEC

First Seven Courses = 2 BC's in Manufacturing

	Cert	Manufacturing Engineering Technology Curriculum
1	BC MT	Intro to Advanced Manufacturing 1 Blueprint Reading, Metrology, Safety
2	BC MT	Intro to Advanced Manufacturing 2 Mechatronics – Fluid Power, Electricity, Mechanisms
3	BC MT	Intro to Advanced Manufacturing 3 CAD, Teams, 3D Printing, Laser Cutting, CNC
4	BC MT	Robotics 1
5	BC CNC	Introduction to Manual Machining Mill, Lathe, Saw, Drill Press
6	BC CNC	CNC 1 Operations Mill and Lathe
7	BC CNC	Welding 1 GMAW

National Coalition of Certification Centers (NC3) January 2021 School on the Rise

Daley College was chosen out of more than **900** Certification Centers from around the country.



(213) NC3 Certifications Awarded in 2020

- Intro to Gas Metal Arc Welding
- Intro to Gas Tungsten Arc Welding
- Intro to Flux Cored Arc Welding
- Tape and Rule Measurement
- Slide Caliper Measurement
- Gauge Measurement
- Angle Measurement
- Micrometer Measurement
- Dial Gauge Measurement
- Branch and Series Level Terminations
- Conduit Bending Basics
- Advanced Conduit Bending
- Electrical Multimeter
- MRW Work Ethic Certification

Non Credit CNC Operator Certificate

- In person, 144 Hours
- 12 weeks
- 3 evenings per week, Tues - Thurs
- 6pm – 10pm each evening
- Class sessions for hands on CNC work and on line learning materials discussed in lecture setting.
- Requires additional computer study time in addition to lab time to learn the theory of CNC operation
- Students will be training for the hands on practical demonstration of skills operating a CNC machine to produce parts utilizing an existing CNC program and potentially attain CNC Operator Certification through this class.



Weekend Warrior Program

- Justice involved individuals
- Partnership with IMAN
- In person at MTEC
- Friday, Saturday, Sunday
- Courses
 - Welding
 - Blueprint Reading
 - College Success
 - Computers
 - Reading / Writing
 - Math
- 11th Cohort Sum 2023



Job Fairs Each Semester

Employers included:

- Donson Machine
- SMC Corporation
- Finkl Steel
- Focal Point Lights
- Cushman and Wakefield
- Illinois Tool Works
- UPG
- Newly Weds Foods
- Great Northern Instore
- Cornell Forge
- CB Richard Ellis
- Kocis
- South Chicago Packing

Partners included:

- Greater Southwest Development Corporation
- PODER
- Chatham Area Business Association
- CAIC
- E&ES (Building 100)
- SIUC



National Signing Day (NSD) National Coalition of Certification Centers (NC3)

Honoring Students making a commitment to technical training and careers in manufacturing!

Provided Assistance with:

- Applications
- Advising
- Financial Aid
- Program questions

Representatives from NC3 added to the excitement for students!



One Workforce Program for Advanced Manufacturing



What is Advanced Manufacturing?

It's the future of how things are made. Advanced manufacturing industries increasingly integrate new innovative technologies in both products and processes.

Daley College is a Partner College and Training Provider

Electrical Automated Systems Technology
Industrial Maintenance
Mechanical/Manufacturing Production
CNC-Precision Machining Technology
CNC-Precision Machining Programming
Welding Technology
Electronics/Electrical Engineering
Fluid Power Technology
And more

Do you see
yourself in an
Advanced
Manufacturing
career?



We can help
make it possible
through the
One Workforce
Program



Apply Today!

Through an H-1B One Workforce Grant from the US Department of Labor, CAIC is able to provide job opportunities and financial assistance to obtain industry-recognized credentials in the manufacturing sector by paying for tuition, books, and fees at one of our college or training provider partners.

Am I eligible?

Applicants must be 17 years of age or older, not currently in high school, and are able to provide a Social Security Card and valid State ID or Driver's License. Applicants may be enrolled or plan to enroll in an Advanced Manufacturing Career Pathway Curriculum at a Partner College or Training Provider.

How do I apply?

Go to: calumetareaindustrial.com/oneworkforceprogram

Community Partners

- Written into the WEI grant
 - Contractual services
- Recruit and support students
 - Food, transportation, counseling, arts programming, stipends, legal
- Advocates in the community
 - Trained in our processes and programs
 - Know who to call for assistance to help students



Paid Internships

- Contracted with staffing agency
 - Employer of record including workmans comp insurance
 - Pre-employment training and readiness
 - Coaches and assists students with employer issues
- 6 to 8 weeks, \$16 per hour, max hours limited
- Contract with employer and student
- Employer can proceed after internship
 - Hire direct FT or PT, Temp hire through agency
 - End relationship and assist another intern



Faculty Supports

- Special assignments to further support students
 - Open lab time
 - Implement new equipment
 - Develop new programs
 - Professional development
 - Support and participate in plant visits with students



Contact Information

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 - 773-838-7786



*High
Demand
Training
Programs*



Certificate Opportunities at Kaskaskia College

Truck Driving (44)

Forklift (31)

CNA (14)

Welding (11)

Carpentry (7)

Culinary (4)

Automotive (4)

EMT (4)

HVAC (3)

Industrial Tech (1)

Network
Administration (1
complete/7
withdrew)



#1 enrolled program – truck driver training
FY21 – 21 students (\$20/load - \$34.62)
FY22 – 17 students (\$16.70 - \$35)
FY23 – 6 currently enrolled

Other High Demand Certificate Programs:

Certified Nurse Assistant (CNA)

Salary ranges \$11 - \$34.62*

* Agency pay

Welding

Salary ranges \$18 - \$38.70*

*Railway

BUSINESS PARTNERS

CURRENT -----

- Career Fair
- Student Workshops
- DEI Employer Training

FUTURE -----

- Employer Engagement Coordinator
- Apprenticeships





What it is all about – GRADUATION!

FY21 - 31/50 completers

FY22 - 38/50 completers

FY23 - 44 completers*

* 31 forklift training



“Just in the financial aspect, I was living paycheck to paycheck so I’m looking forward to buying property, maybe having my own company one day. But overall I’m just I am looking forward to having my last name on something. The WEI Program helped me create future plans.”

*Dwayne Dardon
WEI Graduate*



This
quote!!!

Kaskaskia College WEI Contact Information

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