



# Career Pathways and Technology Center of DuPage Programs

May 8, 2024

# Guiding Questions

1

What is DAOES and TCD?

2

What programs are offered at TCD and how have D200 students accessed this programming?

3

How do TCD programs connect to Career Pathways?

# DuPage Area Occupational Education System (DAOES)

The mission of DAOES is to help students understand and prepare for career opportunities.

CUSD 200 is one of the 14 member school districts and has a representative that serves on the Board of Directors for DAOES.

DAOES, an Illinois Education for Employment (EFE) system, has two major functions:

- Planning for the delivery of Career and Technical Education (CTE) for a geographical area of Chicago's western suburbs, and
- operating the Technology Center of DuPage (TCD), a Career and Technology Education center for Juniors and Seniors.

# Career and Technical Education Grant Fundings

The Career and Technical Education grants are managed by DAOES for the DuPage School Districts. CUSD 200 creates a local budget for the allocation distributed to our school district.

- State Grant:  
Career and Technical Education Improvement (CTEI) FY24 Grant Allocation:  
\$90,748
- Federal Grant:  
Perkins FY24 Grant Allocation: \$47,109

# Technology Center of DuPage (TCD)

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Technology Center of DuPage (TCD) offers DuPage County area high school juniors and seniors 18 career and technical education (CTE) programs as part of their high school curriculum.

The Technology of DuPage campus is located in Addison.

Each school district pays a tuition fee per student and provides transportation between the home school and TCD.

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<b>Program</b>	<b>2022-23 D200 Enrollment</b>	<b>2023-24 D200 Enrollment</b>	<b>2024-25 D200 Enrollment</b>
Auto Body Repair & Refinishing	7	9	11
Automotive Technology	34	38	41
Computer Info Systems & Game Design	7	2	8
Construction Trades	3	7	8
Cosmetology	15	24	34
Criminal Justice	7	8	3
Early Childhood Education & Care	6	3	9
Emergency Medical Technician	9	8	7
Fire Science	10	5	3
HVAC & Refrigeration/Residential Wiring	6	3	8

*The 2024-25 program enrollment is projected and not finalized at this time.*

<b>Program</b>	<b>2022-23 D200 Enrollment</b>	<b>2023-24 D200 Enrollment</b>	<b>2024-25 D200 Enrollment</b>
Manufacturing, CNC & Machining Technology	0	0	0
Medical Assisting	6	5	6
Medical Terminology & Healthcare Careers	2	3	20
Multimedia & Television Production	6	9	8
Nursing Assistant Training Program	5	11	14
Professional Cooking, Baking and Service	7	21	18
Robotics & Automation Technology	0	3	1
Welding Technology	20	10	19
<b>Total</b>	150	169	218

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## Components of a Complete Career Pathway

ISBE College and Career Pathway Endorsement	Career Exploration Activities	Sequence of Courses	Early College Coursework	Work-Based Learning	Industry Credentials*	Co-curriculars*
<p>Qualification for an endorsement on the graduate's transcript is based on the school district's programming and approval from ISBE.</p> <p>To earn an endorsement students needs to meet requirements listed in this table &amp; ELA and Math Proficiency Indicators (D200 Dashboard Metrics)</p>	<p>Types of experiences and information a student should have in order to make the most informed decisions about college and career planning, beginning in middle school and continuing through high school.</p>	<p>A sequence of courses that teach students skills and/or content that they need to use in entry-level employment and/or career focused postsecondary courses. Sequence of courses:</p> <p>Career Exploration &amp; Discovery (6-8)*</p> <p>Orientation (9-10)</p> <p>Skill Development (10-12)</p> <p>Capstone (12)</p>	<p>At least 6 hours of earned credit from early college coursework aligned to the career pathway (Dual Credit or AP)</p>	<p>60 hours of work-based learning experiences aligned to the Career Pathway</p>	<p>A certificate that demonstrates knowledge in a particular field and can allow for entry-level employment.</p>	<p>An opportunity to further explore a career cluster to prepare students after high school and develop interests.</p>

# Career Exploration at TCD

TCD offers career exploration opportunities to middle school and high school students.

<b>Fall</b>	<b>Spring</b>
<ul style="list-style-type: none"><li>● TCD Fall Open House - September<ul style="list-style-type: none"><li>○ 18 Programs</li><li>○ Post-secondary partners</li><li>○ Local industry professionals</li></ul></li><li>● Explore Days - HS Sophomores<ul style="list-style-type: none"><li>○ Tour and engage with 3 programs</li><li>○ Counselors participate in sessions</li></ul></li></ul>	<ul style="list-style-type: none"><li>● TCD Spring Open House - January<ul style="list-style-type: none"><li>○ 18 Programs</li><li>○ Post-secondary partners</li><li>○ Local industry professionals</li></ul></li><li>● 7th Grade Virtual Career Week<ul style="list-style-type: none"><li>○ Career based videos</li></ul></li><li>● 8th Grade Day<ul style="list-style-type: none"><li>○ Tour and engage with 3 programs at TCD</li></ul></li></ul>

# Work-Based Learning at TCD

<b>Program</b>	<b>Internship</b>
Emergency Medical Technician	40 hours clinical experiences
Nursing Assistant Training Program	40 hours clinical experiences
Cosmetology	150 hour internship program
Multimedia and Television and Production	Second year internship
Professional Cooking, Baking and Service	Some students have access to an internship with more opportunities in development
Auto Body Repair and Refinishing	Second year internship option in development

# Early College Coursework

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TCD offers college credit through College of DuPage for a majority of the programs.

Students must meet the GPA and attendance requirements to earn dual credit.

Many TCD students follow a 2+2+2 plan which means they complete two years at TCD, two years at COD, and continue at a four-year institution for the last two years of a bachelor's degree program.

<b>Program</b>	<b>Total Dual Credit Hours Available</b>
Cosmetology	50
Robotics and Automation	15
Nursing Assistant Training	13
Emergency Medical Technician	11
Computer Information Systems and Game Design	10
Welding Technology	9
Multimedia and Television Production	9
Automotive Technology	9
Fire Safety	7
Professional Cooking, Baking, and Service	6
Medical Terminology	5
Heating, Ventilation, AC and Refrigeration/Residential Wiring	4
Construction Trades	2

# Industry Credentials and TCD

Students in most TCD programs have the opportunity to prepare for available industry certifications and/or state licenses.

<b>Program</b>	<b>Certifications</b>
Auto Body Repair and Refinishing	I-CAR Certification S/P 2 Safety Training
Automotive Technology	ASE - Automotive Service Excellence
Construction Trades	OSHA 10 (Year 1) OSHA 30 (Year 2)
Cosmetology	Illinois State Certified Cosmetology Program
Emergency Medical Technician	CPR/AED Certification
Early Childhood Education and Care	Level 1 ECE & CPR

# Industry Credentials and TCD Continued

Program	Certifications
Fire Safety	CPR/AED Certification, NIMS 100, 200, 700, 800 & Courage To Be Safe
Heating, Ventilation, AC and Refrigeration/Residential Wiring	OSHA 10 EPA 608 Refrigerant Certification
Medical Assisting	Registered Medical Assistant
Nursing Assistant Training	Illinois Nurse Assistant Competency Exam & Adult/Infant/Child CPR/ AED Certification
Professional Cooking, Baking, and Service	ServSafe Food Handler Certification ServSafe Managers Certification ServSafe Allergen Certificate American Culinary Federation Certification Wisconsin Milk Marketing Board Cheese Certification Sustainability Stewardship SP/2 safety/ Professional Skills Training
Robotics and Automation	FANUC Certification
Welding Technology	OSHA 10 (Year 1)

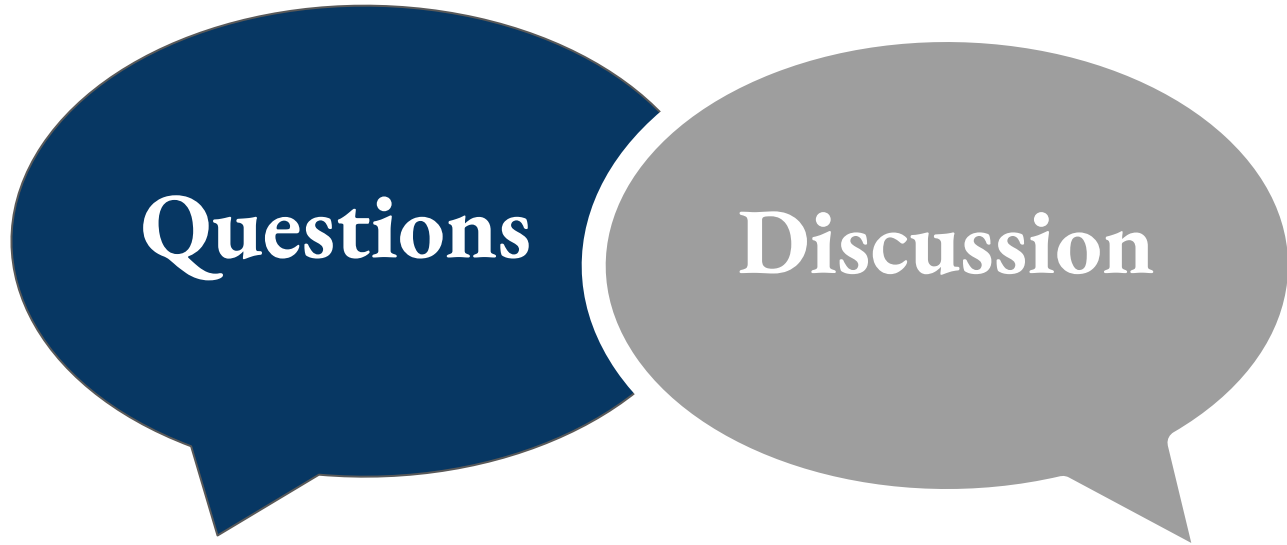


# Career Pathway Expansion: Nursing

<b>ISBE College and Career Pathway Endorsement</b>	<b>Sequence of Courses</b>	<b>Early College Coursework</b>	<b>Work-Based Learning</b>	<b>Industry Credentials*</b>	<b>Co-curriculars*</b>
Health Science	<ul style="list-style-type: none"> <li>-Health (6-8)</li> <li>-Biology (9)</li> <li>-Responding to Emergencies (10)</li> <li>-Health (10)</li> <li>-TCD Nursing Assistant Program (11/12)</li> <li>-AP Biology (11/12)</li> <li>-Human Anatomy and Physiology (11/12)</li> </ul>	<ul style="list-style-type: none"> <li>-TCD Nursing Assistant Program (13)</li> <li>-AP Biology</li> </ul>	Clinical Hours with TCD Programming	<ul style="list-style-type: none"> <li>-Illinois Nurse Assistant Competency Exam</li> <li>-Adult/Infant/Child CPR/ AED Certification</li> </ul>	Future Health Professionals of America

# Career Pathway Expansion: Hospitality and Tourism

ISBE College and Career Pathway Endorsement	Sequence of Courses	Early College Coursework	Work-Based Learning	Industry Credentials*	Co-curriculars*
<b>Financial Business Services</b>	<ul style="list-style-type: none"> <li>-World Language (8+)</li> <li>-Culinary Arts and Nutrition 1 &amp; 2 (9/10)</li> <li>-Baking and Pastry (10/11)</li> <li>-International Cuisine (11/12)</li> <li>-Professional Cooking, Baking and Service (11/12)</li> <li>-Cooking Up Success/Senior Foods (12)</li> </ul>	Professional Cooking, Baking and Service (6)	Internship opportunity	<ul style="list-style-type: none"> <li>ervSafe Food Handler Certification</li> <li>ServSafe Managers Certification</li> <li>ServSafe Allergen Certificate</li> <li>American Culinary Federation Certification</li> <li>Wisconsin Milk Marketing Board Cheese Certification</li> <li>Sustainability Stewardship SP/2 safety/ Professional Skills Training</li> </ul>	<ul style="list-style-type: none"> <li>French Club</li> <li>Spanish Club</li> <li>German Club</li> </ul>



Questions

Discussion