

Technology Center of DuPage

TECHNOLOGY CENTER OF DUPAGE (TCD)



Mr. Edward A. Susmilch, TCD Principal

301 S. Swift Rd., Addison, IL 60190

TEL: (630) 620-8770

FAX: (630) 691-7592

E-MAIL: eds@daoes.org

TCD WEBSITE: <http://www.tcdupage.org>

Technology Center of DuPage (TCD) is the Career and Technical Education (CTE) campus for 14 high school districts, including Lyons Township District 204. It is not a trade school or separate educational facility, but an elective component of LTHS curriculum for juniors and seniors. Recognized as one of the outstanding CTE programs in the nation, Technology Center of DuPage offers 21 programs within recognized Career Clusters. These programs are built around growing occupational fields, including those in engineering, health and safety services, and digital media. See www.tcdupage.org for complete information.

Because TCD is part of LT's course offerings, there is no tuition charge to attend. There are program fees for books, supplies, tools, or uniforms as noted in each program description, and for which the student is responsible. Students have the opportunity to earn both high school and college credit; obtain available industry certifications or licenses; and prepare for post-secondary education. TCD seniors will prepare for and take the National Career Readiness Certificate exam (NCRC), the national credential for workplace skills and applied academics (www.NationalCareerReadiness.org).

Architecture & Construction / Natural Resources

Construction Trades

HVACR

Residential Wiring/Home Technology Integration

Landscape Design & Management

Pre-Architectural/Pre-Engineering CAD

Art, A-V Technology & Communications

Graphic Communications

Multimedia & Television Production

Business Administration

Data Entry Occupations

Office Systems Technology

Education & Training

Early Childhood Education & Care

Health Science / Public Safety

Certified Nursing Assistant

Criminal Justice

Fire Science

Medical & Health Care Careers

Hospitality / Human Services

Cosmetology

Culinary, Pastry Arts & Hospitality Management

Information Technology / Engineering

Computer Information Systems

Electronics & Pre-Engineering Technology

*(PLTW)**

*Pathway to Engineering (PLTW)**

Manufacturing / Transportation

Auto Body Repair & Refinishing

Automotive Technology

*Computer Integrated Manufacturing (PLTW)**

**These programs are part of the Project Lead The Way (PLTW) Pathway to Engineering course sequence. This nationally acclaimed curriculum was developed to address the shortage of U.S. engineers and engineering technicians. See www.tcdupage.org for more information.*



TCD Mission/Vision

Technology Center of DuPage will provide an educational environment that supports and encourages individual learning styles, develops occupational skills, fosters professionalism, promotes academic growth, and assists students in discovering their potential. All students attending Technology Center of DuPage will be prepared to successfully transition to post-secondary education and careers.

TCD General Information

The TCD campus is located in Addison, IL, approximately 30 minutes from LTHS North Campus. A student who enrolls in one of the programs attends TCD for three hours during the morning session each weekday and attends LT the other portion of the school day. Students earn 1.5 credits per semester and 3.0 credits per year. Programs/Courses are posted both in the Guide and on the TCD website: www.tcdupage.org. The most up-to-date course information is on the TCD web page. Information in The Guide is for planning purposes only.

A student who desires to enroll in a particular TCD program should review the course descriptions and pre-requisites and Lyons Township High School basic graduation requirements. Counselors will provide additional information and an application for enrollment at TCD.

There are deadlines to register for programs at TCD. A student who wishes to attend must turn in a completed application to his/her counselor one week in advance of the arena registration process. If the student's application is received after this deadline, his/her name will be placed on a waiting list. Students who do not meet this deadline or meet the prerequisites first semester, may enroll in a program at TCD during the second semester. Those students will be allowed to do so if they have completed an application and if there is available space.

Prerequisites

In general, juniors and seniors who have completed 2 years of English, Mathematics, and Science at LT are eligible for enrollment at TCD. A few programs have specific LT pre-requisites which students must meet; others have suggested but not mandatory pre-requisites. See program descriptions for information.

College Credit through TCD Programs/Courses

Most TCD programs offer dual credit or articulated college credit. Dual credit means earning high school through TCD and college credit simultaneously through College of DuPage. This credit appears on the student's high school transcript and is transferable to any school that accepts COD credit. Articulated credit is awarded after enrolling with a specific college or university, sometimes after successfully completing a test or other prerequisites.

Through TCD, students may:

- Reinforce academic skills through hands-on applications in a self-paced, goal-by-goal learning environment.
- Earn industry-recognized certifications or prepare for state, federal, professional, or national licensing exams.
- Create an effective résumé and workplace skills portfolio, valuable for applications or interviews for scholarships, colleges, or jobs.
- Build workplace skills and confidence through experience: job shadowing, internships, or TCD's own student-run shops and labs.
- Research the post-secondary educational options and scholarship opportunities; in the past four years, TCD seniors were awarded over \$1.07 million in scholarships.

College/Career Patterns

- **70%** of TCD's graduates continue their education
- **15%** are employed full time and are also taking advanced studies part time.
- **46%** are employed in a full time job in their career fields.

What TCD Is and Is Not

TCD is not a separate educational institution, a trade school, or a college. It is part of LT's elective courses, and course offerings are supplemented to LT's curriculum. TCD has a strong academic focus on teaching basic principles of math, science, communications, and technology. However, TCD never underestimates the importance of real-world skills development in securing satisfying, well-paying employment. That's why TCD's unique combination of classroom instruction, career skills building, and hands-on experience is so effective in preparing you for today's high-performance workplace.

Because TCD is part of LT's course offerings, there are no tuition charges to attend. Programs have fees for supplies, tools, or uniforms as noted in each course description, and for which students are responsible.

The Technology Center of DuPage is fully accredited by the North Central Association of Commission on Accreditation and School Improvement (NCA/CASI). It is regarded as one of the Midwest's finest schools for career studies, and it recently received the Lincoln Award for Commitment to Excellence from the Lincoln Foundation.

Program Fees

Fees include educational supplies, equipment, materials, and/or course book purchase or rental. Additional fees may include supplies purchased directly from a vendor (e.g. uniforms, mannequins) or specialized curricula. The program fees listed below were established for the 2011-2012 school year. See www.tcdupage.org for the latest and most complete information. In no case should a program fee prevent a student from enrolling in a Technology Center of DuPage program.

ARCHITECTURE/CONSTRUCTION

Grade Offered: 11, 12

Annual TC9330

Construction Trades

Credit: 1.5 (Semester) Level: III
3.0 (Annual)
Grade Offered: 11, 12 Annual TC9280

Prerequisite: Recommended - Introduction to Furniture Making

The Construction Trades program gives you the opportunity to gain framing skills in new construction and/or additions, alterations and repairs of existing structures. Learn safety practices and the proper use of both hand and power tools. The program is certified by the National Center for Construction Education & Research (NCCER). Students have the opportunity to be NCCER-certified in core curriculum and carpentry (Levels 1 & 2). Program completion prepares for transition to advanced apprenticeship levels with an NCCER Accredited Training Sponsor. 4 hours dual credit is available through College of DuPage.

- Prepares you for an apprentice exam.
- Supplies: \$240 + optional tool kit first year; \$185 second year

Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR)

Credit: 1.5 (semester) Level: III
3.0 (Annual)
Grade Offered: 11, 12 Annual TC9110

Prerequisite: None

In this program student will learn the mechanical and electrical fundamentals needed to become a heating, ventilating, air conditioning and refrigeration technician. Students learn installation, maintenance, diagnosis, and repair of residential forced air heating systems, hydronic heating systems, electric furnaces, oil burners, heat pumps, and air conditioning systems. Sheet metal work and light commercial HVAC equipment are included in the second year of the program. 6 hours dual credit is available through College of DuPage; articulated credit through Northwestern College.

- Supplies: \$350 first year; \$120 second year
- Earns college credit.

Landscape Design & Management

Credit: 1.5 (Semester) Level: III
3.0 (Annual)

Prerequisite: None

Start with a core curriculum of how plants grow, understanding the role of soils and climate through hands-on experiences on TCD's 13-acre campus, computer-controlled greenhouse, and nursery. Students then have the option of concentrating on one of five areas of the industry: design; installation; maintenance; nursery and retail operations; or small engine repair. Work with industry standard equipment and landscape CAD design software. Through internships and TCD's FFA chapter, explore industry careers as diverse as aquaculture, forestry, park/golf course maintenance, and landscape design. Students have the opportunity to earn certification in pesticide application; 17 hours of dual credit is available through College of DuPage.

- Supplies: \$160 + specialized curricula first year; \$75 second year

Residential Wiring and Home Technology Integration

Credit: 1.5 (semester) Level: III
3.0 (Annual)
Grade Offered: 11, 12 Annual TC9010

Prerequisite: None

The Residential Wiring course begins with the fundamentals of electricity, low voltage wiring, high voltage wiring, network wiring, and system planning as well as rough in, trim out, and retrofitting. The wiring needs in today's homes go beyond the conventional use of electricity. Home Technology Integration is the installation and troubleshooting of several interconnected sub-systems within a home. Sub-systems include audio/visual equipment, computer networking, security and surveillance, HVAC, lighting management, water controls, access controls and telecommunications. Second semester topics include digital signal theory, HIT system components, cabling, conduit installation and bending, system troubleshooting, planning and testing. Many companies are seeking trained and certified HTI technicians as modern homes move into networked environments.

The program is certified by the National Center for Construction Education & Research (NCCER). Students have the opportunity to be NCCER-certified in core curriculum and Levels 1 & 2 Electrician. Program completion prepares for transition to advanced levels with an NCCER Accredited Training Sponsor.

- Supplies: \$400 first year
- Earns college credit.

BUSINESS & ADMINISTRATION

Data Entry Occupations

Credit: 1.5 (Semester) Level: III
3.0 (Annual)
Grade Offered: 11, 12 Annual TC9060
Prerequisite: 1 semester of Keyboarding or
Keyboarding Proficiency Test

In Data Entry Occupations, instruction will be offered in the following areas:

- Basic database and spreadsheets
- Storing and retrieving files
- Editing source documents and proofreading
- Basic business principles, including payroll, billing, and general recordkeeping
- Word processing and document formatting

Students have the opportunity to be certified as a Microsoft Office Specialist (MOS) and earn dual credit through College of DuPage.

- Supplies: \$120 first year; no additional charge for second year (keep book)
- Earns college credit.

Office Systems Technology

Credit: 1.5 (Semester) Level: III
3.0 (Annual)
Grade Offered: 11, 12 Annual TC9520
Prerequisite: Recommended - 1 semester of Keyboarding or Keyboarding Proficiency Test

Students in Office System Technology will learn basic and advanced office skills including:

- Advanced word processing
- Spreadsheet and database management
- Office technology
- Administrative procedures
- Time management
- Phone and email systems

In addition to preparing for today's highly automated workplace, lay the foundation for the necessary skills to be a Virtual Assistant, working at home through the Internet, email, phone, and FTP. Students can also be certified as a Microsoft Office Specialist (MOS) and earn 5 hours dual credit through College of DuPage.

- Supplies: \$130 first year; no additional charge for second year (keep book)
- Earns college credit.

COMMUNICATION/ARTS

Graphic Communications

Credit: 1.5 Semester) Level: III
3.0 (Annual)
Grade Offered: 11, 12 Annual TC9400
Prerequisite: Recommended - 1 semester of
Keyboarding or Keyboarding Proficiency
Test

The student will gain an understanding of graphic communications from rough sketch to final printed piece. Skills include layout and design for Web and print, using industry standard Adobe Creative Suite software. In addition to these pre-press skills, students will learn offset press operations, bindery and finishing operations, screen printing processes, and print management. 6 hours dual credit is available through College of DuPage; articulated credit through Illinois Institute of Art.

- Supplies: \$65 first year; \$35 second year
- Earns college credit.

Multimedia & Television Production

Credit: 1.5 (Semester) Level: III
3.0 (Annual)
Grade Offered: 11, 12 Annual TC9480
Prerequisite: Recommended - 1 semester of
Keyboarding or Keyboarding Proficiency
Test

Go behind the scenes in the multi-billion dollar entertainment industry, from local news to commercials to multimedia presentations and movies. Skills include computer editing using Final Cut Pro and AVID; digital video and audio; multi-track recording; set design; script writing and story boarding; studio and remote lighting; video graphics; and animation. Work as part of a production team in TCD's private HD television studio, rotating jobs such as floor director, camera operator, lighting director, and control booth team. 9 hours dual college credit through College of DuPage.

- Supplies: \$180 first year; \$55 second year
- Earns college credit.

Medical & Health Care Careers

Credit: 1.5 (Semester) Level: III
 3.0 (Annual)
Grade Offered: 11, 12 Annual TC9080

Prerequisite: Recommended - 1 year of Chemistry and
 1 semester of Keyboarding or Keyboard-
 ing Proficiency Test

This program is designed for students who have an interest in exploring medical careers. Students learn basic skills and practices common to most healthcare careers, then begin exploring the variety of opportunities within this growing field. Students may earn certification in Healthcare Provider Level CPR / AED; First Aid; oxygen administration; infection control practices; and more. 5 hours dual credit is available through College of DuPage. Among the careers a student may explore:

- Patient Care Technician
- Sports Trainer
- Dietary Aide
- Medical Records or Office Assistant
- Physical Therapy Aide
- Home Health Aide or Hospice and many others!
- Animal Caretaker
- Phlebotomist
- Radiology Technician

- Supplies: \$150 first year
- Earns college credit

Fire Science

Credit: 1.5 (Semester) Level: III
 3.0 (Annual)
Grade Offered: 11,12 Annual TC9260

Prerequisite: Earned credits for junior standing

From putting out fires and rescuing those in danger to handling hazardous chemical emergencies, firefighters “run to get into places that other people are running to get out of.”

The Technology Center of DuPage program follows the standards of training in NFPA 1001 Standard for Fire Fighters, preparing students for future Firefighter Basic certification (at age 21). First year students will become acquainted with all aspects of firefighting. Second year students complete hazardous materials and first responder curricula and have the opportunity to earn Healthcare Provider Level CPR and First Aid certifications. Then students begin the Emergency Medical Technician (EMT) curriculum, which includes clinical experiences and opportunities for internships and ambulance ride-alongs. Successful completion (80% or better) of the course and clinicals makes a student eligible to take the state or national EMT licensing exam.

After graduation, students are encouraged to continue their education through paramedic school, community college, or university. Students may earn up to 18 hours of dual credit through College of DuPage.

- Supplies: \$300 first year; \$300 second year
- Earns college credit

Criminal Justice

Credit: 1.5 (Semester) Level: III
 3.0 (Annual)
Grade Offered: 11, 12 Annual TC9070

Prerequisite: None

Careers in criminal justice are highly competitive and rigorous. Some days are long and get your heart pumping; most days you're working hard gathering evidence or nailing down accurate information for a critical report.

The Criminal Justice program provides an excellent foundation for students interested in pursuing law enforcement or public safety as a career. This course will introduce you to the basics of communication skills, traffic laws/traffic enforcement, criminal law, juvenile law, crime prevention, homeland security, forensics, corrections, and more. You will also learn which career paths require further training or education.

- Supplies: \$175 first year; \$95 second year
- Earns college credit.



INFORMATION TECHNOLOGY

Computer Information Systems

Credit: 1.5 (semester) Level: III
 3.0 (Annual)
Grade Offered: 11, 12 Annual TC9040

Prerequisite: 1 semester of keyboarding

Students have an opportunity to learn a wide variety of computer technology skills for both gaming and business applications. Activities include:

- Installing and developing software
- Writing and debugging programs
- Learning C++, Visual Basic, HTML, Java, and other languages
- Game programming, including program coding, 3D character design, storyboarding
- Developing professional websites
- Using AutoDesk 3ds Max Design and Maya

Students may prepare for C++ certification (through CompTIA) and the AutoDesk Certified Associate Exam. Upon completion, students are ready for help desk and entry-level programming, as well as prepared for college level coursework. Articulated credit is available upon enrollment at the College of DuPage or the Illinois Institute of Art.

- Supplies: \$12 first year; \$12 second year
- Earns college credit.

Pathway to Engineering

Credit: 1.5 (Semester) Level: III
 3.0 (Annual)
Grade Offered: 11, 12 Annual TC9190

Prerequisite: CAD (Drafting) or CAD Technology

This program features a “Pathway to Engineering” course sequence developed by Project Lead The Way (PLTW): Introduction to Engineering Design; Principles of Engineering; Civil Engineering and Architecture; and Engineering Design & Development.

- Introduction to Engineering Design -- Discover the role of an engineer in taking an idea from the design process to manufacturing or production, using Inventor, state-of-the-art 3D design software from AutoDesk.
- Principles of Engineering -- Master the basic concepts needed to continue your education in engineering or engineering technology. Apply those concepts to real world challenges: energy sources, machine systems, fluid power, materials testing, and more. Team up with other students to test your problem-solving skills through projects or presentations.

- Civil Engineering and Architecture -- Use 3D modeling software to create and test your own residential and commercial designs, factoring in materials, structural design, cost analysis, storm water management, site design, utilities and services, building codes, and architectural style and guidelines. Research new developments in energy, green technologies, and changing populations.

- Engineering Design & Development -- This is a final project; work as part of a team to research, design, test, and construct a solution to a technical problem of your choosing.

Through this program, students may earn preferential enrollment and/or credit through PLTW university affiliates.

- Supplies: \$100 first year; TBD second year
- Earns college credit

Electronics and Pre-Engineering Technology

Credit: 1.5 (semester) Level: III
 3.0 (Annual)
Grade Offered: 11, 12 Annual TC9240

Prerequisite: Recommended - 1 semester of Technology Concepts or 1 year of Physics

This program features a “Pathway to Engineering” course sequence developed by Project Lead The Way (PLTW): Electronics, Digital Electronics, and Engineering Design & Development.

- Electronics -- Students begin by learning to install, customize, repair, and maintain computers, car audio systems, phone systems, Bluetooth wireless technology, and home entertainment systems including cable, broadband, and HDTV. Configure PC networks and explore the role of robotics and industrial motors in today’s automated systems.

- Digital Electronics -- Analyze, design, and build digital electronic circuits used in today’s devices like MP3 players, laptops, and cell phones. Start with theory, terminology, communication methods, engineering standards, and troubleshooting techniques – then program microchips and a basic stamp micro controller.

- Engineering Design & Development -- This is a final project; work as part of a team to research, design, test, and construct a solution to a technical problem of your choosing.

Through this program, students may earn industry certifications, up to 19 hours of dual credit through College of DuPage, and preferential enrollment and/or credit through PLTW university affiliates.

- Supplies: \$75 + optional electronic kits first year; \$90 + optional kits second year
- Earns college credit.



MANUFACTURING/TRANSPORTATION

Auto Body Repair & Refinishing

Credit: 1.5 (Semester) Level: III
 3.0 (Annual)
Grade Offered: 11, 12 Annual TC9160

Prerequisite: None

The program teaches all facets of collision repair, including basic sheet metal and welding techniques. Other areas include body alignment equipment; finishing and painting; cost/time estimating; plastics; fiberglass; measuring systems; and shop management. Students have the opportunity earn Gold Class points toward I-CAR certifications. Articulated credit is available through Highland College and Nashville Auto-Diesel.

- Supplies: \$160-\$175 first year; \$160-\$170 second year
- Earns college credit.

Automotive Technology

Credit: 1.5 (Semester) Level: III
 3.0 (Annual)
Grade Offered: 11, 12 Annual TC9170

Prerequisite: A or B in Auto Mechanics

ASE-certified instructors help you build fundamental and advanced skills in computerized engine controls; engine tune-up and lubrication; brakes; electrical, fuel, cooling, and exhaust systems; and wheels, steering, and alignment. Second year students develop skills in diagnostics and engine building. You can test for ASE certification in air conditioning and earn 8 hours of dual college credit through College of DuPage. 8 hours of dual credit is available through College of DuPage; articulated college credit is available through several colleges and technical schools.

- Supplies: \$275-\$330 first year; \$60-\$165 second year
- Earns college credit.

Computerized Integrated Manufacturing

Credit: 1.5 (Semester) Level: III
 3.0 (Annual)
Grade Offered: 11, 12 Annual TC9140

Prerequisite: None

This program features a "Pathway to Engineering" course sequence developed by Project Lead The Way (PLTW): Computer Integrated Manufacturing and Engineering Design & Development.

You may be surprised to learn that U.S. manufacturing is facing a shortage of highly skilled technicians. Manufacturing is complex and high-tech, requiring problem-solvers with good math, science, and technology skills. A whole generation is retiring and currently there are not enough qualified people to replace them.

• Computer Integrated Manufacturing -- How are things made? How are assembly lines designed and automated? Students will design and build their own automated manufacturing systems, factoring in safety, quality, cost, and efficiency. Technologies used include computer modeling, Computer Numeric Control (CNC), Computer Aided Manufacturing (CAM) software, and flexible manufacturing systems.

• Engineering Design & Development -- This is a final project; work as part of a team to research, design, test, and construct a solution to a technical problem of your choosing.

Students may earn preferential enrollment and/or credit through PLTW university affiliates.

- Supplies: \$150-\$175 first year; \$75-\$100 second year
- Earns college credit.

COLLEGE ARTICULATED CREDIT AND TCD

Students completing coursework at TCD can earn college credit through articulated agreements between TCD and Chicago area institutions of higher education. The following chart is a summary of the programs/courses taken at TCD, minimum grades to be earned, credits awarded, and the credit granting local college or university.

TCD PROGRAM AND COURSE	MINIMUM GRADE	QUARTER HOUR CREDIT	SEMESTER HOUR CREDIT	COLLEGE/UNIVERSITY AND COURSE
Auto Body Repair & Refinishing	B		3	Highland Community College AUTB 191-Introduction to Auto Body AUTB 194-Auto Body Repair I
Auto Body Repair & Refinishing	B		3	
Auto Body Repair & Refinishing				Nashville Auto-Diesel College Credit by examination for courses successfully completed
Automotive Technology	B	3		Triton Junior College Automotive 112 Automotive 136
Automotive Technology	B	3		
Automotive Technology	B		4.5	Lincoln Technical Institute Automotive Tech 110 Automotive Tech 111 Automotive Tech 101
Automotive Technology	B		4.5	
Automotive Technology	B		4.5	
Automotive Technology	B		4.5	Universal Technical Institute Automotive Engine & Repair Electronic Fundamentals Automotive Chassis & Brakes
Automotive Technology	B		5	
Automotive Technology	B		5	
Automotive Technology				Nashville Auto-Diesel College Credit by examination for courses successfully completed
Automotive Technology	B	Credits articulated will become part of total number of credits for program completion		Ferris State University AUTO 112 Automotive Brake AUTO 114 Automotive Engines AUTO 115 Suspension, Steering, & Alignment Service
Automotive Technology	B			
Automotive Technology	B			
Automotive Technology	B		6	Northwestern College, Lima, OH AU022 Automotive Engine Diagnosis & Repairs AU127 Hydraulic Brake Systems
Automotive Technology	B		6	
Computer Information Systems	B		3	College of DuPage CIS 1150 Introduction to Computers
Computer Information Systems				The Illinois Institute of Art-Schaumburg GD 131 Electronic Imaging GD 241 Image Manipulation WDIM 105 Fundamentals of Interactive Design WDIM 155 Web Scripting WDIM 200 User Centered Interface Design CAM 202 3D Animation GAD 206 Interactive Authoring for Games
Computer Information Systems				
Computer Information Systems				
Computer Information Systems				
Computer Information Systems				
Computer Information Systems				
Computer Information Systems				

TCD PROGRAM AND COURSE	MINIMUM GRADE	QUARTER HOUR CREDIT	SEMESTER HOUR CREDIT	COLLEGE/UNIVERSITY AND COURSE
------------------------	---------------	---------------------	----------------------	-------------------------------

Cosmetology	C		2	College of DuPage COSME 1101 Salon Safety & Sanitation
Cosmetology	C		3	COSME 1103 Cosmetic Chemical Services I
Cosmetology	C		2	COSME 1105 Intro to Basic Hairstyling I
Cosmetology	C		2	COSME 1107 Intro to Basic Thermal Styling I
Cosmetology	C		2	COSME 1111 Intro to Hair Styling II
Cosmetology	C		3	COSME 1113 Intro to Chemical Services II
Cosmetology	C		3	COSME 1115 Salon Operations I
Cosmetology	C		2	COSME 1117 Intro to Aesthetics & Nail Tech
Cosmetology	C		2	COSME 1120 License Review I
Cosmetology	C		3	COSME 2201 Hairstyling III
Cosmetology	C		3	COSME 2203 Chemical Services III
Cosmetology	C		2	COSME 2205 Advanced Aesthetics & Nail Tech
Cosmetology	C		2	COSME 2207 Salon Safety & Sanitation II
Cosmetology	C		2	COSME 2221 Advanced Hair Styling
Cosmetology	C		3	COSME 2223 Advanced Chemical Services
Cosmetology	C		3	COSME 2225 Salon Operations II
Cosmetology	C		2	COSME 2227 Advanced Thermal Styling
Cosmetology	C		2	COSME 2250 License Review II
Cosmetology	C		2	COSME 2253 Advanced Chemical Services II

Culinary and Pastry Arts				College of DuPage Food Service - 220 ProStart School to Careers Program Intro to Hospitality (Foods 100)
Culinary and Pastry Arts	B			Kendall College May waive enrollment in the Food service Sanitation course offered at Kendall College with proof of certification.
Culinary and Pastry Arts	B		2	Triton College Food Sanitation & Safety HIA 115
Culinary and Pastry Arts	B		2	Food Prep. Essentials HIA 1
Culinary and Pastry Arts	B		2	William Rainey Harper College Food Sanitation & Safety FSM 114
Culinary and Pastry Arts	B		3	CHIC (The Cooking & Hospitality Institute of Chicago, Inc.) CUL 101-Intro. to Culinary Arts
	B		1	CUL 141-Applied Food Service Sanitation
	B		3	BK 101-Introduction Baking
Culinary and Pastry Arts	B	15		Johnson & Wales University • Stocks and Sauces • Storeroom Operations • American Regional Cuisine • Introduction to Baking And Pastry • Principles of Food Service Production
Culinary and Pastry Arts	B	12		New England Tech & Florida Culinary Institute Must pass the ACCESS ACF certification exam with an 80% or higher and have final grade of B

TCD PROGRAM AND COURSE	MINIMUM GRADE	QUARTER HOUR CREDIT	SEMESTER HOUR CREDIT	COLLEGE/UNIVERSITY AND COURSE
Graphic Communications Graphic Communications Graphic Communications Graphic Communications	B B B B	4 4 4 4		The Illinois Institute of Art-Schaumburg GD 240 Typography 1 GD 241 Image Manipulation GD 271 Print Production GD 280 Digital Grid Systems
Heating, Ventilation, Air Conditioning & Refrigeration	B		6	Northwestern College, Lima, OH HV101 Service & Procedures Graduate of a two year HVAC/R program with a B or better in the HVAC/R course. (2 yr.)