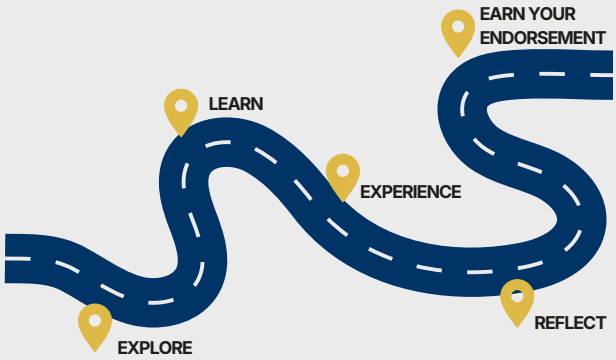
College and Career Pathway Endorsements

Your Roadmap from High School to Your Future Career

College & Career Pathways provide students with a structured way to explore careers, build real-world skills, earn early college credit, and complete experiences that prepare them for college, careers, and beyond.



Every Pathway Includes Six Components

Individualized Plan

Create your roadmap
- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile
- Connect your courses and experiences to your future goals

Team-Based Challenges

Students complete:
- At least 2 team-based challenges
- Receive guidance from adult mentors

These are already embedded into required pathway courses.

Career-Focused Coursework

- Complete pathway-specific coursework
- Includes:
  - 4 semesters of pathway learning
  - 6 hours of early college credit

Career Development Experience

Students complete:
- At least 60 hours of career development experience
- Includes:
  - Professional skills assessment
  - Reflection

Opportunities vary by pathway.

Career Exploration Experiences

- Students complete:
  - 2 career exploration activities
    OR
  - 1 intensive career experience

Academic Readiness

Students demonstrate academic success in:
- Reading
- Math

Find more details here.

College and Career Pathway Endorsements

Illinois College & Career Pathway Endorsements



Agriculture, Food & Natural Resources

- Agriculture
- Food
- Natural Resources



Arts & Communications

- Arts (Performing & Visual)
- Audio/Video Technology
- Communications



Finance & Business Services

- Business Management and Administration
- Finance
- Marketing
- Hospitality and Tourism
- Transportation, Distribution & Logistics (Logistics Pathway)



Human & Public Services

- Education and Training
- Government and Public Administration
- Law, Public Safety, Corrections & Security
- Human Services



Health Sciences & Technology

- Health Sciences



Information Technology

- Information Technology



Manufacturing, Engineering, Technology & Trades

- Architecture and Construction
- Manufacturing
- STEM (particularly Engineering and Technology Pathway)
- Transportation, Distribution & Logistics (Transportation Technology)
- Energy

LTHS Pathway Endorsements

Areas LTHS has an approved pathway are below:

- Aviation
- Computer Programming
- Cosmetology (TCD)
- Education
- Emergency Medical Technician (TCD)
- Entrepreneurship
- Nursing Assistant (TCD)
- Radio and Television Broadcasting Technology/Technician: LTTV

College & Career Pathways are approved annually by ISBE. Because of this, pathway offerings, course sequences, and career experiences may change each year as LTHS continues to expand opportunities for students.

College and Career Pathway Endorsements

Aviation

Manufacturing, Engineering, Technology & Trades

Explore careers in aviation and drone technology through hands-on flight experiences, real-world projects, and industry partnerships. Students can earn college credit, prepare for the FAA Part 107 Remote Pilot Certification Exam, and develop technical and workplace skills for careers in aerospace and aviation.

Individualized Plan

- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile

Career Exploration Experiences

- Priester Aviation Worksite Visit
- Guest Speaker from the US Air Force Thunderbirds

Career-Focused Coursework

- 4 semesters of pathway learning
- 6 hours of early college credit

Team-Based Challenges

- Balsa Glider Competition
- Drone Roof Inspection

Course Code	Course Name	Course Credit	Dual Credit Hours
AT5156 AT5157	Aviation 1	0.5	0
AT5176 AT5177 AT5171 AT5172	Drones	0.5	0
AT5211 AT5212 AT5216 AT5217	Principles of Aeronautical Science	0.5	3
AT3361 and AT3362	Private Pilot Operations	1.0	5

Career Development Experience

- Students may participate in a drone internship with district staff.
  OR
- Students may participate in the Career Internship Program.

Academic Readiness

Students demonstrate academic success in:

- Reading
- Math

More details found here.

College and Career Pathway Endorsements

Computer Programming

Information Technology



Develop programming and IT skills through hands-on courses in coding, app development, cybersecurity, and computer systems while earning college credit and industry-recognized credentials. Students apply their learning through real-world projects, internships, and industry partnerships that prepare them for careers in software development and information technology.

Individualized Plan

- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile

Career-Focused Coursework

- 4 semesters of pathway learning
- 6 hours of early college credit

Course Code	Course Name	Course Credit	Dual Credit Hours
BU5411 BU5412 BU5416 BU5417	Computer Concepts - Google Suite (formerly Keyboarding)	0.5	3
BU4221 BU4222 BU4226 BU4227	Computer Applications (Microsoft)	0.5	3
BU4831 & BU4832 or BU4836 & BU4837	PC Repair & Maintenance	1.0	6
BU4461 BU4462 BU4466 BU4467	Programming in Python	0.5	0
BU4951 BU4952 BU4956 BU4957	Mobile Makers EDU 1	0.5	0

Career Exploration Experiences

- IT Business Worksite Tour
- IT Job Shadow Day

Team-Based Challenges

- MobileMakersEdu App Challenge
- Cyber Defense Breach

Career Development Experience

- Students may participate in the district's IT summer internship.
  OR
- Students may participate in the Career Internship Program.

Academic Readiness

Students demonstrate academic success in:

- Reading
- Math

More details found here.

College and Career Pathway Endorsements

Cosmetology

Human & Public Services

Prepare for careers in the beauty industry through hands-on training in hair, nails, skincare, makeup, and salon operations while developing professional and business skills. Students gain real-world salon experience and complete clock hours required to qualify for the Illinois State Cosmetology Licensing Examination.



Individualized Plan

- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile

Career-Focused Coursework

- 4 semesters of pathway learning
- 6 hours of early college credit

This pathway is offered through TCD. Interested students should register for LT's Cosmetology I course (TC9201/TC9202). COD Dual Credit information is found in the chart below.

COD Course Code	COD Course Name	Dual Credit Hours
COSME 1101	Introduction to Cosmetology	3
COSME 1103	Chemical Services	3
COSME 1105	Hair Styling	3
COSME 1107	Thermal Styling	3
COSME 1111	Hair Styling II	3
COSME 1113	Chemical Services II	3
COSME 1115	Salon Operations I	3
COSME 1117	Esthetics and Nail Technology I	3

Career Exploration Experiences

- College and Career Day with Frank Gironda Salon and Spa and Sports Clips
- Guest Speakers

Team-Based Challenges

- Compensation Package
- Salon Services Menu

Career Development Experience

Students complete this through the Salon 301 experience embedded in TCD's programming.

Academic Readiness

Students demonstrate academic success in:

- Reading
- Math

More details found here.

College and Career Pathway Endorsements

Education

Human & Public Services

Prepare for careers in education through hands-on coursework in child development, classroom management, and teaching while earning college credit. Students gain real classroom experience through internships, mentorships, and collaborative projects with local schools and educators.



Individualized Plan

- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile

Career-Focused Coursework

- 4 semesters of pathway learning
- 6 hours of early college credit

Course Code	Course Name	Course Credit	Dual Credit Hours
FC5651 FC5652 FC5656 FC5657	Child Development 1	0.5	0
FC5751 FC5752 FC5756 FC5757	Child Development 2	0.5	0
FC6531 FC6532	Teaching Internship - Elementary 1	1.0	3
FC6562	Teaching Internship - Elementary 2	1.0	3

Career Exploration Experiences

- DuPage Future Educators Job Fair
- Teaching Intern Mentorship

Team-Based Challenges

- Early Childhood Lesson Plan
- Planning a Field Trip

Career Development Experience

This is embedded in the Teaching Internship - Elementary 2 course (FC6562).

Academic Readiness

Students demonstrate academic success in:

- Reading
- Math

More details found here.

College and Career Pathway Endorsements

Emergency Medical Technician

Health Sciences & Technology

Prepare for careers in emergency medical services and healthcare through hands-on coursework in patient assessment, CPR, trauma care, and emergency procedures. Students gain real-world experience through clinical experiences, ambulance ride-alongs, and simulations while preparing for NREMT certification and careers in EMS, healthcare, and public safety.

Individualized Plan

- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile

Career-Focused Coursework

- 4 semesters of pathway learning
- 6 hours of early college credit

This pathway is completed through TCD. Interested students should register for LT's Emergency Medical Technician Course (TC9271/TC9272). COD Dual Credit information is found in the chart below.

COD Course Code	COD Course Name	Dual Credit Hours
FIRE 2271	Emergency Medical Technician	10
FIRE 1150	CPR - Basic Life Support for Healthcare Providers	1

Career Exploration Experiences

- College and Career Day
- Guest Speakers from Addison Dispatch Center and Superior Ambulance

Team-Based Challenges

- Patient Safety Review - Emergency Response
- Motor Vehicle Collision Emergency Response

Career Development Experience

EMT internship through Addison Fire Protection District, Glenside Fire Protection District, UChicago Medicine Advent Health, Glen Oaks Hospital, Superior Ambulance, or Elite Ambulance.

Academic Readiness

Students demonstrate academic success in:

- Reading
- Math

More details found here.

College and Career Pathway Endorsements

Entrepreneurship

Finance & Business Services

Build the skills to launch and manage a business through hands-on coursework in entrepreneurship, marketing, business law, and finance while earning college credit and industry-recognized credentials. Students apply their learning through business pitches, mentorships, internships, and real-world projects with local entrepreneurs and business leaders.

Individualized Plan

- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile

Career-Focused Coursework

- 4 semesters of pathway learning
- 6 hours of early college credit

Course Code	Course Name	Course Credit	Dual Credit Hours
BU5411 BU5412 BU5416 BU5417	Computer Concepts - Google Suite (formerly Keyboarding)	0.5	3
BU4221 BU4222 BU4226 BU4227	Computer Applications (Microsoft)	0.5	3
BU5111 BU5112 BU5116 BU5117	Introduction to Business	0.5	0
BU5811 BU5812	Business Law	0.5	0
BU5911 and BU5912	INCubatoredu	1.0	3

Students can take either Computer Concepts or Computer Applications for this pathway, but not both.

Career Exploration Experiences

- Local Business Worksite Tour
- Entrepreneur Mentorship Experience

Team-Based Challenges

- Marketing Plan
- INCubatoredu Final Pitch

Career Development Experience

- Students may participate in an internship through the West Suburban Chamber of Commerce.
  OR
- Students may participate in the Career Internship Program.

Academic Readiness

Students demonstrate academic success in:

- Reading
- Math

More details found here.

College and Career Pathway Endorsements

Nursing Assistant

Health Sciences & Technology

Prepare for careers in healthcare through hands-on coursework in nursing fundamentals, patient care, medical terminology, and healthcare ethics while earning college credit. Students develop practical skills through lab activities and a clinical experience while preparing for Illinois Certified Nursing Assistant (CNA) certification.

Individualized Plan

- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile

Career-Focused Coursework

- 4 semesters of pathway learning
- 6 hours of early college credit

This pathway is completed through TCD. Interested students should register for LT's Nursing Assistant Training (TC9121/TC9122). COD Dual Credit information is found in the chart below.

COD Course Code	COD Course Name	Dual Credit Hours
NURSA 1105	Nursing Assistant	6
CSPD 1111	Central Sterile Processing and Distribution	3
SURGT 1000	Ethical Considerations in the Healthcare Industry	3

Career Exploration Experiences

- College and Career Day
- Guest Speakers from Midwestern Career College and Endeavor Health

Team-Based Challenges

- Patient Safety Review
- Triage and Patient Care

Career Development Experience

Students complete this through the embedded Nursing Assistant Workplace Experience course, which is part of the TCD program.

Academic Readiness

Students demonstrate academic success in:

- Reading
- Math

More details found here.

College and Career Pathway Endorsements

Radio and Television Broadcasting Technology/Technician

Arts & Communications

Develop skills in television broadcasting and media production through hands-on coursework in camera operation, audio, lighting, graphics, and live production. Students gain real-world experience producing sports broadcasts, school events, studio shows, and community programming while building technical and communication skills for careers in media and broadcasting.



Individualized Plan

- Complete a four-year plan in SchooLinks Course Planner
- Update your SchooLinks Student Profile

Career-Focused Coursework

- 4 semesters of pathway learning
- 6 hours of early college credit

Course Code	Course Name	Course Credit	Dual Credit Hours
LA9271 LA9272	Media Arts: Film & TV Production I	0.5	0
LA9331 LA9332	Media Arts: Film & TV Production II	0.5	0
LA9341 LA9342	Media Arts: Film & TV Production III	0.5	3
LA9361 LA9362	LTTV Broadcasting	0.5	3

Career Exploration Experiences

- Guest Speakers
- Career Workshop

Team-Based Challenges

- Nonprofit Media Request for Low Budget
- Media Request within a Certain Time Limit

Career Development Experience

- Students may participate in an internship through Motionsource.
  OR
- Students may participate in the Career Internship Program.

Academic Readiness

Students demonstrate academic success in:

- Reading
- Math

More details found here.

College and Career Pathway Endorsements

Academic Readiness

Reading

Success in reading can be demonstrated by any one of the following ways:

- **A grade of A, B, or C in one of the following courses:**

Course Codes	Course Name
LA8311 and LA8312	English III (Honors): AP Language and Composition
LA8351 and LA8352	English IV AP: Rhetoric of Language and Composition
LA8241 and LA8242	English IV (Honors): AP Literature and Composition
LA8411	English IV (Honors): Reading, Writing, and Inquiry
LA8422	English IV (Honors): Literary Interpretation

- **A score of 3 or higher on AP English Literature & Composition or AP English Language & Composition.**
- **A minimum ACT English score of 18 and Reading score of 22.**
- **A minimum SAT Reading and Writing score of 540.**

Mathematics

Success in mathematics can be demonstrated by any one of the following ways:

- **A grade of A, B, or C in one of the following courses:**

Course Codes	Course Name
MA6231/MA6232/MA6236/MA6237 MA7241/MA7242/MA7246/MA7247 MA8251/MA8252/MA8256/MA8257	Algebra II (Prep) Algebra II (Accel) Algebra II (Honors)
MA6321 and MA6322	Algebra III
MA9451 and MA9452	AP Statistics
MA9551 and MA9552	AP Calculus AB
MA9651 and MA9652	AP Calculus BC
MA9951	Linear Algebra
MA9852	Calculus III

- **A score of 3 or higher on AP Calculus AB, AP Calculus BC, or AP Statistics.**
- **A minimum ACT Math score of 22 and enrollment in a math course senior year.**
- **A minimum SAT Math score of 540 and enrollment in a math course senior year.**