

# LTHS Elective Classes and Career Connections

<b>Art</b> Animation Ceramics beginning Ceramics intermediate Ceramics Advanced (N) Digital Photo Art Adv. Digital Photo Drawing & Painting beginning Drawing & Painting intermediate Jewelry & Metalsmithing begin Jewelry & Metalsmithing inter Graphic Design (N) Studio Art accel (A,Y,N) Studio Art AP (A,Y,N) Art History AP (Y,N) Drawing & Paint Advanced (Y,N) Fashion & Interior Design Adv. Fashion & Design	<b>Architecture/Construction/Engineering</b> Engineering Design Advanced Engineering Design (N) Architectural Engineering I Architectural Engineering II Engineering & Invention I Engineering & Invention II (N) Geometry in Construction (S) Home Maintenance & Repair Intro. Furniture Making I Intro. Furniture Making II Theater – Stage Tech (N) Furniture Cabinetmaking I (Y) Furniture Cabinetmaking II (Y) Robotics 1 Robotics 2	<b>Education</b> Child development 1 Child development 2 Family Health Issues (N) Adult Living (N) Psychology Intro (N) Psychology AP (Y,N) Sociology (N) Early Child Internship (N) Teaching Elementary 1 (N) (2 periods) Teaching Elementary 2 (N) (2 periods) Adaptive PE Leader (A)
<b>Business/Marketing/Finance</b> Intro to Business Accounting I (N) Accounting II (N) Business Law (N) Computer Applications Keyboarding Economics Incubator Edu (Y,N) Macro Economics AP (N) Micro Economics AP (N) Marketing (N) Programming in Python Web page Development AP Computer Science (Y,N) AP Computer Principle (Y,S) Music Design & Technology (N)	<b>Communications</b> Creative Writing I (N) Creative Writing II (N) Journalism Writing (S) LION – Newspaper (A,Y,N) LT – TV Production Philosophy of Self Knowledge (N) Playwriting (N) Stage Tech (N) Speech Arts (S) TAB – Yearbook (A,Y,N) Theater - Intro Theater – Acting Theater – Improve & Mime (N) Intro to Radio/TV (S) WLTL Production (N) WLTLRadio Management(A,Y,N)	<b>Government &amp; Law</b> American Gov’t AP (N) Comparative Gov’t AP (N) European History AP (Y,N) Business Law (N) Constitutional Law (N) Philosophy Self Knowledge(N) Psychology intro (N) Psychology AP (Y,N) Sociology (N) Global Relations (S)
<b>Hospitality</b> Culinary Arts Advanced Culinary Arts International Foods (N) Chefs (N) Marketing (N) Intro to Family & Consumer Science Careers (S)	<b>Health Science</b> Exercise Physiology (N) Family Health Issues (N) Adult Living (N) Intro to Healthcare Careers Medical Terminology Psychology Introduction (N) Human Anatomy (Y,N) Intro to Organic Chemistry (Y,N) Biology AP (Y,N) Chemistry AP (Y,N) Psychology AP (Y,N) Intro to Sports Medicine (N) Forensic Science (Y,N)	<b>Human Services</b> Child Development 1 Child Development 2 Family Health Issues (N) Adult Living (N) Psychology Introduction (N) Psychology AP (Y,N) Sociology (N) Adaptive PE Leader (A)

<b>A - audition / application required</b>	<b>Y - year long courses</b>	<b>S - SC only</b>	<b>N - NC only</b>
--	------------------------------	--------------------	--------------------

<b>Information Technology</b>  Keyboarding Computer Applications Programming in Python Web Page Development Mobile MakersEdu 1 Mobile MakersEdu 2 (N) AP Computer Science (Y,N) AP Computer Science Principle (Y,S) PC Repair & Maintenance (A+) (Y)	<b>Manufacturing</b>  Engineering Design Advanced Engineering Design Fashion & Interior Design Advanced Fashion Design (N) Jewelry & Metalsmithing beginning Jewelry & Metalsmithing Intermediate Robotics 1 Robotics 2	<b>Music</b>  Beginning Folk Guitar Intermediate Folk Guitar Music Design & Technology (N) Music Theory AP (Y,N) Frosh & Soph Choirs (Y,S) Concert Band (Y,S) Concert Choir (men) (Y,N) Treble Choir (women) (Y,N) Varsity Choir (A,Y,N) Senior Madrigal (A,Y,N) Concert Band (Y,S) Symphonic Band (Y,N) Concert Orchestra (Y,S) Symphonic Orchestra (Y,N) Jazz Ensemble (A,Y,N) Sinfonietta (A,Y,N) Wind Ensemble (A,Y)
<b>Transportation &amp; Distribution</b>  Small Engines (S) Engine Rebuild & Diagnostics (S) Car Care Essentials (N) Automotive Engineer & Fabrication (N) Automotive Service & Diagnostic (Y,N) Aviation 1 (S) Aviation 2 (S) Drones: UAS Principles of Aeronautical Science Private Pilots Operations (Y,N) Robotics 1 Robotics 2	<b>Miscellaneous (all NC only)</b>  Astronomy (Y) Earth & Space Science Environmental Science Sustainable Urban Agriculture STEM Research Independent Study (need to set up w/- teacher)	<b>Work Programs (all NC only)</b>  Technology Center of DuPage (A) Career Internship Program (A)
<b>A - audition / application required</b>	<b>Y - year long courses</b>	<b>S- SC class      N - NC class</b>

**TCD – Technology Center of DuPage – year long vocational programs available in Addison**  
Please see your counselor for more details. (A,Y,N)

**World Languages offered in American Sign Language, French, German, Italian, Latin, & Spanish (Y)**

**A - Application/Audition required**  
**Y - Annual course**  
**S - South Campus course only**  
**N - North Campus course only**