



ELECTIVES THAT IGNITE PASSION

2025 - 2026



OUR ELECTIVES – OUR CAREER PATHWAYS

Landow Jewish Academy offers six core career pathways for students in grades 6 through 12, designed to ignite their passion and guide them toward purposeful futures:

- **Pre-Law & Public Affairs**
- **Medical Sciences**
- **Engineering & Computer Science**
- **Entrepreneurship/Personal Finance**
- **Film, TV Production, & Journalism**
- **Marketing & Social Media**

PATHWAY 1: **PRE-LAW & PUBLIC AFFAIRS**

PRE-LAW & PUBLIC AFFAIRS PATHWAY

Step into the world of law, government, and advocacy through hands-on courses and real-world experience.

Debate, Mock Trial & Moot Court

Compete locally and nationally while sharpening your argument and public speaking skills.

Criminal Justice I-III

Explore U.S. law enforcement, courts, constitutional rights, and the impact of crime on society.

Dual Enrollment: Criminal Evidence & Criminal Justice

Earn college credit through Miami Dade College while studying courtroom procedures and legal systems.

Executive Internship III

Master appellate advocacy through research, writing, and simulated oral arguments.

Comprehensive Law Honors

Discover the foundations of American law and its role in shaping society.

Court Procedures

Experience every step of a trial while building persuasive speaking and legal reasoning skills.

PATHWAY 2: **MEDICAL SCIENCES**

MEDICAL SCIENCES

Hands-on, high-impact preparation for future doctors, health professionals, and emergency responders.

Core Courses

Explore biology, anatomy, and health science foundations while applying for the Allied Health Science track.

Health Sciences (Sports Medicine / Exercise Science)

Study injury prevention, body mechanics, and physical therapy through Exercise Science I-III, EKG Tech, and dual enrollment Sports Medicine with university mentors.

Emergency Medicine

Train for real-world emergencies with courses in EMR, ECG, 911 Dispatch, and Firefighting I & II.

Recommended Advanced Courses

DE Anatomy & Physiology, AP Biology, AP Chemistry, AP Psychology, AP Statistics, AP or DE English.

Certifications Earned

CPR/AED, First Aid, CMAA, 4 FEMA Certificates, Water Safety Awareness — building credentials for health careers.

PATHWAY 3: **ENGINEERING & COMPUTER SCIENCE**

ENGINEERING & COMPUTER SCIENCE

Innovate, build, and code your way into the future with hands-on tech, robotics, and AI experiences.

Core Courses

Learn programming, data systems, and emerging technologies through Digital Information Technology, AP Computer Science, and Intro to Artificial Intelligence.

Specialized Electives

Explore robotics and drone technology with courses like Robotics: Applications & Careers and Drones: Remote Pilot.

Clubs & Competitions

Join the award-winning VEX Robotics Team and take part in engineering challenges.

Industry Certifications

FAA Part 107 Commercial Drone Pilot License, RECF Robotics & Pre-Engineering Certification, Oracle Java SE 8 OCA, and Information Technology Specialist in Java.

PATHWAY 4: **ENTREPRENEURSHIP / PERSONAL FINANCE**

ENTREPRENEURSHIP / PERSONAL FINANCE

Build brands, launch businesses, and master digital marketing through hands-on, real-world experiences.

Core Courses

Dive into Marketing, Social Media Strategy, Business Ownership, and Personal Finance to gain essential skills for today's economy.

Specialized Electives

Explore Meta Social Media, Marketing Management, and Business Applications to prepare for leadership in the digital world.

Clubs & Programs

Join DECA, BPA, and Virtual Enterprise International (VEI) — a global business simulation where students run real-world virtual companies and trade with peers worldwide.

Industry Certifications

Earn credentials in Entrepreneurship (ESB), Microsoft Office, Project Management (PMI), Meta Digital Marketing, and Intuit Personal Finance — plus compete at the Business Youth Summit in NYC.

PATHWAY 5: **FILM, TV PRODUCTION, & JOURNALISM**

FILM, TV PRODUCTION, & JOURNALISM

Tell powerful stories through video, develop technical skills, and build a professional media portfolio.

Program Overview

Dive into digital video production with hands-on training in filming, editing, and storytelling. Complete real-world projects and earn Adobe Premiere Pro certification.

Competitions

Showcase your talent in the Student Television Network Challenge, FSPA Digital Contests, and Fall Frenzy — sharpening creativity, collaboration, and technical skill.

Industry Connections

Learn directly from professionals in media and journalism through guest lectures, workshops, and expert feedback.

Experiential Learning

Go beyond the classroom with field trips to news stations, universities, and production studios that offer real-world media insights.

Capstone Experience

Over three years, build a standout digital portfolio featuring original films, broadcasts, and multimedia projects that demonstrate your creative voice and production expertise.

PATHWAY 6: **MARKETING & SOCIAL MEDIA**

MARKETING & SOCIAL MEDIA

Create content, build brands, and master the art of digital influence in today's fast-moving marketing world.

Program Overview

Gain hands-on experience in marketing strategy, social media management, and brand development while exploring tools used by top companies—including Meta's platforms.

Courses include Marketing Essentials, Social Media Business Marketing, and Business Ownership.

Competitions & Clubs

Compete in DECA, BPA, and Virtual Enterprise International (VEI), where students launch and manage virtual businesses in a global marketplace.

Industry Connections

Learn from marketing professionals and content creators through guest speakers, live projects, and real-time feedback.

Experiential Learning

Participate in real-world marketing simulations, social media campaigns, and travel to major events like the Business Youth Summit at NYC's Javits Center.

Certifications

Earn industry-recognized credentials including Meta Certified Digital Marketing Associate, Entrepreneurship & Small Business (ESB), Intuit Personal Finance, Microsoft Office, and Project Management Ready (PMI).

ENTREPRENEURSHIP PROGRAM

The Entrepreneurship Program is built on a model of learn-by-doing, the most powerful approach we've found for preparing students to plan, launch, and scale successful ventures. Student entrepreneurship focuses on exposing students to the entrepreneurship skills, tools, and mental frameworks required both to adapt and thrive in a fast-changing global landscape while also empowering student to solve the world's most complex and pressing challenges.

The Entrepreneurship Program includes:

Business Classes

Provides students hands-on experience of what is involved in developing their own business, product or service. Student learn about product development, financial modeling, marketing accounting, human resources, as well as the legal aspects of running a business.

Mentor/Apprentice Program

Each year, LJA Students will be paired with a community mentor in the field of their choosing. Students will have apprenticeship hour requirements and assignments on their field work.

Annual Start Up Nation Competition

Students work in teams to compete for real funding for a student created business. Entrepreneurs and business experts from the community serve as coaches and mentors guiding student teams through the process of ideation, market research, and business plan development. During "Pitch Week" student teams will present in front of actual investors to pitch their innovative idea and possibly win funding to turn their business plans into reality during the summer and following school year.

Entrepreneurship Workshop Series

Building a company is complex, so students will attend a series of workshops to tackle many of the individual challenges they might face in starting their own company.

Entrepreneurship Field Trips

Planned trips include visiting the University of Miami Launch Pad, Start Up FIU, and the Idea Center at Miami-Dade College.