THE ACADEMIES

- **VIDEO PRODUCTION**
- **WEB DESIGN**
- **GRAPHIC DESIGN**

Information Technology H.S.
CTE Academies

Jean Woods-Powell - Principal
Natalie Hyde - Assistant Principal

21-16th 44th Rd Long Island City, NY, 11101
Phone: 718.937.4270 Web: www.ithsnyc.org

Our Vision.

Information Technology High School prepares students to be independent thinkers and problem solvers who are college, career, and civic ready. Students will be nurtured to become self-sufficient members of our global community who are equipped with 21st-century technological skills.

Work-based Learning - WBL

- Hands-on or online career readiness experiences.

- Students connect classroom instruction to work and career opportunities

- Quality and industry aligned inperson hybrid and virtual career-readiness experiences.

Why Do Students Need WBL?

- Requirements: Minimum of 54 hours of WBL activities over 3-year sequence for the CTE Diploma

- WBL activities: Workshops, College and Career fairs, Guest Speakers, Job Shadowing, Internships, Resume-Writing, Mock Interviews, 30 Second Pitches, Mentoring, Apprenticeships

CTE Department

In line with our school mission, Information Technology High School has a complement of Career and Technical

Approved Academies

- VIDEO PRODUCTION ACADEMY
- WEB DESIGN ACADEMY
- GRAPHIC DESIGN ACADEMY (Pending)

ITHS CTE Academies Application, Placement, and Graduation Guidelines

ITHS
INFORMATION TECHNOLOGY HIGH SCHOOL

To be accepted, preference will be given to the students that meet the following criteria:

- Pass all classes freshman year or show improvement
- 90% attendance
- Avg. GPA of 75+ by May of their freshmen year.
- Complete CTE Freshmen Preference Form.
- Engage in the CTE Admission Committee Interview.
- May require 2 recommendation letters from content area teachers.
- Signed acceptance CTE Program contract (Parent/Student) for a 3 year commitment to the academy. Non negotiable.

Participate in the Academy's Welcome Session. To continue, students must meet the following criteria:

- Pass each semester of the CTE Academy.
- Maintain an overall 75+ GPA
- Maintain 90% attendance.
- Accumulate 10+ credits each year.
- If applicable student must register in a college class.
- Pass their Math Regents with 80+
- Pass their ELA Regents with 75+

To graduate, from any CTE Academy students must meet the following criteria:

- 54 units of Work Based Learning Experience
- Pass Academy Certification Exam
- Plan, Submit and Defend Exit Project
- Pass all 44 credits required for Regents Diploma (including all CTE class credits)

Computer Fundamentals

Students start their freshman year with the computer fundamentals class. A course that gives students an opportunity to learn the preliminary basics of Graphic Design, Film, and Web Design. At the completion of the course, students will get the option to choose which field of study they wish to pursue for Sophomore through Senior year.

Video Production Academy

The Video production academy is a 3-year program divided into 3 classes - Elements of Video, Digital Video, and Video Production. These classes are aimed at teaching you the skills necessary to succeed in the Video career field and have a better understanding of how video recording and editing is done professionally. Using state of the art computers with Adobe Creative Cloud and professional equipment, students learn the technical art of video production.

Students develop career and communication skills in video production using Photoshop, Premiere Pro & After Effects in preparation for their Adobe Certification

Students develop knowledge in storytelling, capturing and editing video and audio and finalizing content for distribution through emphasis on design, project management and video technology

Students use professional cameras, tripods, microphones, lighting, and green screen technology to learn how to effectively tell stories through video projects

This academy is proud to have NYIT as our higher education partner offering college programs available to students in this academy

Semester	CTE Video Production Academy (CIP 500602)	
Fall 10th / Spring 10th	Elements of Video (45 min)	Elements of Video (45 min)
Fall 11th / Spring 11th	Digital Video I (90 min)	Digital Video II (90 min)
Fall 12th / Spring 12th	Video Production I (90 min)	Video Production II (90 min)

Web Design Academy

Web Design Academy is a three-year program divided into Visual Design, Digital Design, and Web Management. Using state of the art computers and software, students learn the technical art of design for print and web.

- Students learn to design, build, and maintain websites. Students work with code in html, CSS, JavaScript & Python JO (the language of the Internet) and create web graphics using online resources.

- Students will use state of the art cloud software from the Adobe Creative Cloud , which includes Dreamweaver, and InDesign.

- Students will learn how to target different audiences in order to make their website marketable

Semester	Web Design Academy (CP 110001)	
Fall 10th / Spring 10th	Visual Design I (45 min)	Visual Design II (45 min)
Fall 11th / Spring 11th	Digital Design I (90 min)	AP Computer Science (90 min)
Fall 12th / Spring 12th	Web Client Prog. (90 min)	Career Financial Lit. (90 min)

Graphic Design Academy

The Graphic Design Academy is a three-year program that will teach the fundamentals of design, thinking through advanced typography, branding, packaging, motion graphics, and animation. The graduating student will produce a professional quality portfolio suitable for working in the industry or for getting into a design college.

- Students develop knowledge in industry best practices and methods. The work is typically oriented towards real-world situations and exploring their creativity.

- Students will develop hand-drawing skills needed to effectively conceptualize ideas. They will use state of the art software from the Adobe Creative Suite (Photoshop, InDesign and Illustrator) to give digital life to those ideas.

Semester	Graphic Design Academy		
Fall 10th / Spring 10th	Design Basics (45 min)	Type I (45 min)	
Fall 11th / Spring 11th	Type II (Branding) (90 min)	Type III (Vol of Des. (90 min)	
Fall 12th / Spring 12th	Senior Portfolio I (90 min)	C.F.M. (90 min)	

Career and Technical Education (CTE)

Represents one of the most successful educational models used to ensure students graduate college and career ready. In the 21st century, New York City CTE high schools are outperforming traditional academic schools in terms of high school graduation rates, and providing a large number of students work-based learning opportunities like internships. High school students in CTE programs complete the same courses as students in regular high schools (math, science, foreign languages, etc.) while also taking additional technical courses, some of which provide college credit or lead to industry-recognized credentials. No teenager should be expected to make a final decision about their future job. CTE allows students to begin learning about career opportunities so they can make informed decisions later in life.

ITHS

INFORMATION
TECHNOLOGY
HIGH SCHOOL