

Best IT Classes in NYC

As an industry, information technology (IT) includes many different services all oriented toward helping businesses thrive. While many fields lean heavily into technology, IT is exceptional in its focus on solving real-world problems. In addition to helping clients troubleshoot technology predicaments, IT departments use technology to increase profits, make more informed decisions, and prevent problems before they happen. Other popular IT services include data management, coding, and cybersecurity maintenance.

When contrasted to computer science (which focuses mainly on generating new technology), IT stands out as the more practical and advantageous industry, with companies around the world now choosing to fund their own IT departments. Regardless of whether IT teams are outsourced or work in-house, most include multiple members with unique responsibilities, making it possible to fill a variety of needs. While an IT Support Specialist helps clients figure out why an application isn't working properly, Cybersecurity Engineers are holding up the fort against hackers. Other lucrative IT roles include IT Architect, Software Engineer, IT Project Manager, and Business Analyst.

If you're an analytical person who's searching for a lucrative career path, IT doesn't take long to learn thanks to the abundance of IT training courses available in NYC. By attending one of these courses, you can gain experience working with both software and hardware. Additionally, many classes deliver training in skills like data analytics, project management, and network administration.

Are there Prerequisites to Learning IT?

While it's easy to feel inadequate as a new learner, IT is more accessible to beginners than many other skilled industries. In particular, beginner-friendly training courses make it easy to start learning IT regardless of your experience, and although some IT classes have prerequisites, many only require a willingness to learn.

Several scenarios where you may be faced with prerequisites include:

- A class emphasizing a more complex coding language (such as Python, SQL, or JavaScript) may demand foreknowledge of simpler programming languages (like HTML and CSS).
- When learning data skills, math and statistics form an indispensable foundation.
- Data classes that involve software skills (like Tableau) may benefit from (but not require) a background in Excel.

Read about [other skills that will serve you well in IT class](#).

To make sure that you don't accidentally end up in a class with prerequisites you're not prepared for, read course descriptions thoroughly before you commit to a class. Choose a comprehensive class that provides training in several skills. It may seem economical to select a JavaScript-only course, but in reality, it's better to choose a class that teaches JavaScript in

combination with underpinnings like CSS and HTML. If you happen upon a course that doesn't provide enough information for you to determine whether it includes foundational skills, consider reaching out to the school by email.

Is it Difficult to Learn IT?

Every year, IT education gets more accessible, removing barriers so that more people can learn this exciting subject. That said, there are several obstacles that you may encounter as a beginner, but with the right educational game plan, these are easy to overcome.

Obstacle One: Information Overload

Given a snapshot of the IT industry, no one would blame you for feeling overwhelmed by its sheer size, and stepping outside that snapshot, you'd quickly realize that IT is one of the most rapidly evolving industries in the world. This might leave you feeling like there's more information out there than you can possibly cover before it goes out of date, but fortunately, there's a way around this. Comprehensive IT bootcamps can quickly get you up and running on the most current skills and techniques relevant to your chosen career path.

Obstacle Two: Career Indecisiveness

IT is so full of unique career paths that it can be hard to decide which one is the best fit for you. If this is a challenge for you, try playing around with IT topics in a low-pressure setting such as short beginner classes. There are also a variety of free online resources that can help you learn about different IT careers before committing to a class.

What Will You Learn in an IT course?

While every IT job works to unite business and technology, each role works toward that goal from a unique angle. As a result, the IT niche you choose to study can impact which skills you learn. If you intend to lead a career in IT, you'll need to master both software and hardware skills. From there, you may learn coding, user experience (UX) and interface (UI), machine learning, and data analytics. You may also work to gain insider knowledge of an additional industry, such as learning about investments to improve your financial analysis.

NYC Industries That Use IT

Together with media, technology is viewed as a critical industry in NYC, where it produces nearly [\\$124.7 billion in annual revenue for the local economy](#). Currently, over 291,000 tech professionals work in NYC's [7,500+ tech companies](#), and as time goes on, more and more [tech start-ups](#) are choosing NYC as a base of operation. The huge concentration of active tech jobs in NYC is intensified by the fact that the local tech industry is experiencing immense growth, with [IT job openings rising by 18%](#) in the decade leading up to 2023.

However, big tech isn't the only industry in the Big Apple to utilize IT services competitively, and with [IT unemployment rates sitting comfortably at zero percent](#), IT skills can find you work in each of [NYC's top industries](#), including life sciences, finance, education, and manufacturing.

Healthcare

While the NYC healthcare industry is busy finding cures and saving lives, IT professionals create the cybersecurity and data management systems they need to keep the dozens of hospitals and patient care facilities in the city running smoothly. For data professionals, NYC presents many opportunities to make a positive difference in the world by making biomedical research trials easier and faster to perform. When it comes to NIH research awards, NYC is number two in America, having been granted more than [\\$1.5 billion for research](#) at academic organizations like Columbia University, NYU, Weill Cornell Medical College, Albert Einstein College of Medicine, and Rockefeller University.

FinTech

[NYC sports the most sophisticated global finance industry in the world](#) and is carried by over 330,000 professionals, along with 200 angel investors and venture capitalists. [FinTech companies](#) and [accounting firms](#) across the city are constantly on the lookout for IT professionals who can manage data, develop software, and protect digital security. Top employers include big players like Bank of America, Wells Fargo, and JP Morgan Chase.

IT Jobs & Salaries in NYC

If you're looking for a career path that can earn big bucks in NYC, information technology is your friend. While [over 17% of New Yorkers live in poverty](#), local IT professionals earn [\\$71,000](#) on average. In addition to offering a comfortable living and plenty of job security, the IT industry presents workers with many thrilling career routes, enabling everyone's unique talents to shine.

While there are certainly outliers, you'll find that most IT jobs fall into three categories.

Development and Software Engineering

Development professionals use programming tools to build apps, software, games, and websites and may specialize even further by choosing to exclusively become a [Web Developer](#), [Mobile Developer](#), or [Software Engineer](#). In NYC, [Full-Stack Developers](#) who draw upon multiple coding languages in their work earn between [\\$83,000 and \\$209,000](#) each year. Meanwhile, the annual income for most Software Engineers ranges from [\\$90,000 to \\$256,000](#). Coders who specialize in only one coding language, such as Python or JavaScript, may earn anywhere from \$60,000 and \$256,000 depending on their experience.

Data

Data professionals not only manage huge databanks full of electronic data but ensure that the networks and servers people use each day stay running. For drawing useful insights from data, NYC-based [Data Analysts](#) earn an average of [\\$51,000 to \\$138,000](#) every year. Meanwhile, local [System Administrators](#) earn roughly [\\$63,000 and \\$144,000](#) and [Data Engineers](#) can expect to net between [\\$76,000 and \\$212,000](#).

Cybersecurity

While data specialists are busy optimizing the way electronic data is stored and processed, cybersecurity experts are holding up the fort against hackers and unintended data breaches. Top-earning [IT Security Specialists](#) in NYC boast annual salaries that range between [\\$129,000 and \\$214,000](#), with [Cybersecurity Engineers](#) earning roughly [\\$79,000 to \\$216,000](#), and [Cybersecurity Analysts](#) following close behind with a range of [\\$61,000 to \\$144,000](#).

Currently on the prowl for your next IT job? Simplify your online search with keywords like Artificial intelligence (AI), Cybersecurity, Big Data, EdTech, Blockchain, Machine Learning (ML), HealthTech, FinTech, DevOps, EdTech, Internet of Things (IoT), HealthTech, and AdTech.

Best IT Classes & Schools in NYC

There are few more exciting locations to learn IT than the Big Apple, where [local IT training programs](#) often funnel right into high-paying jobs in the city. Since IT is so vital to the local economy, the city is hopping with IT classes, making it easy to find an option that fits your distinctive learning style, schedule, and professional goals. As you explore the available classes, you'll notice both short classes and career training bootcamps along with options for in-person, online, part-time, and full-time study.

Through their project-focused curriculum, **Noble Desktop's** NYC-based IT classes can help you build real-world skills alongside the latest theoretical knowledge. With the help of an expert mentor and career support team, you can prepare for a career in coding, data, software engineering, or machine learning career in just a short time. In addition to comprehensive career preparation bootcamps like their [Full-Stack Web Development Certificate](#) and [Data Analytics Certificate](#), you can explore IT in bite-sized chunks with niche bootcamps covering subjects such as JavaScript, SQL, Python, WordPress, Google Analytics Tableau, and [Excel for Data Science](#).

Through **NextGen Bootcamp**, teen-friendly career training is available for any high schooler in Manhattan who's eager to prepare for a career without attending an expensive university. In these small summer courses, you'll learn competitive skills that will allow you to take on much older professionals when you launch your career. While NextGen's offers classes on a huge variety of IT topics, their best-loved courses include their [FinTech Summer Program](#), their [Java Programming Course](#), and the [Python: Data Science & Machine Learning Bootcamp](#).

At their NYC campus, **Flatiron School** has full-time and part-time cybersecurity training that can prepare you for a variety of careers. To bolster digital systems against cybersecurity threats, experts within the [Cybersecurity Bootcamp](#) can teach you Python coding, along with how to make use of artificial intelligence (AI) and machine learning tools.

If you're good with people and organization, adding project management skills to your resume could be a great way to level up your IT career. Located at the New York Education Center on Broadway, **Learning Tree International** offers a broad range of education options including

[Agile Project Management Training \(ICP-APM\)](#). This course covers essential communication skills for cinching deals with stakeholders along with agile methodologies to help you smoothly lead teams and direct projects.

Are you an IT professional who wants to earn a certification that can guarantee a better job? **ONLC Training Centers** offers a promising selection of exam preparation classes focused on IT certifications like the [ITIL 4 Foundation Certification](#), [Scrum Project Management](#), and [CompTIA Security + Certification](#). In addition to their certification-oriented courses, ONLC also has a range of beginner-friendly classes like [Tableau Desktop Level 1](#), that enable new learners to get a feel for IT topics without getting overwhelmed.

Best Live Online IT Classes & Schools

As an alternative to participating in traditional training courses, you can trade your high-traffic commute for a [live online or asynchronous IT class](#) that enables you to gain skills and experience from home. Luckily for the low-energy learners in NYC, there are as many online learning resources as there are people crowding Times Square on a holiday. While on-demand classes provide materials that enable you to learn at your own pace, live online classes offer an interactive classroom experience through platforms like Zoom and Google Meets.

If you love the sound of **Noble Desktop**'s comprehensive training package and don't want to miss out on one-on-one mentorship but loath commuting, you can access all their classes 100% live online and stay in your cozy pajamas. In career training courses like the [Software Engineering Certificate](#) and [Data Science Certificate](#), you'll be able to engage with instructors and peers in real-time as you learn practical skills you'll use in your IT career. The same interactive support is built-in to dozens of shorter classes, enabling you to learn topics like [JavaScript Development](#), Python, Excel, SQL, Tableau, and WordPress, in a focused setting.

Preparing for a career in cybersecurity? Take your job application to the next level by adding an official certification that will impress hiring managers and help you stand out. Through the **Technical Institute of America** (TIA), you can get high-quality training to help you prepare for your certification exams. Delivered in a responsive live online format, classes like the [CEH: Certified Ethical Hacker Training Course](#), the [CompTIA Security+ Certification Course](#), and the [Certified Information Systems Security Professional Course](#) were all designed to help you achieve passing scores.

Ready to take on the data industry? With **General Assembly**'s live online classes, you'll gain updated skills to help you stand out in today's ever-changing data landscape. Both part-time and full-time, you can master Excel, Tableau, programming, PowerBI, and AI in the [Data Analytics Immersive Bootcamp](#). If you're looking to zero in on just one skill, General Assembly also has an array of shorter classes such as their popular [JavaScript Development Course](#).

If you're a high schooler who feels ready to take on an intensive IT training bootcamp, consider joining one of **NextGen Bootcamp**'s teen-oriented career classes. With NextGen's summer classes, there's no need to skip school or worry about not being taken seriously as a young

learner. Instead, you'll be able to focus all your energy on building skills, gaining experience, and transforming your resume for your career launch. Although there are dozens of subjects in NextGen's class catalog, their most popular courses include the [Python: Data Science & Machine Learning Bootcamp](#), [FinTech Summer Program](#), and the [Java Programming Course](#).

Corporate and On-site IT Training

Investing in corporate IT training can be a great option for companies interested in starting an in-house IT department from scratch, and those who want to ensure their IT departments stay up-to-date on the most competitive practices. Noble Desktop's [corporate and on-site IT Training](#) includes software engineering, development, data science, data analytics, and machine learning. Classes are available in multiple formats, including in-person classes, virtual Zoom classes, and discounted group sessions. To get more details about IT corporate training, message Noble Desktop at help@nobledesktop.com.