



Computer Programming & Web Development

Frequently Asked Questions

Q: What is Computer Programming & Web Development?

A: Computer Programmers and Web Developers write the code for web sites and databases that power our multi-media web-based world.

Q: How will the course be structured?

A: This program is in collaboration with Naaleh College's Associates Degree in Software and Web Development, which has a total of 8 computer courses. There will be three courses in the Fall and Spring semesters and two courses in the Summer semester. The coding courses will have 1.5 hours of live instruction and 1.5 hours of live lab, once a week. During the lab, students have the opportunity to ask questions regarding their assignments and can ask the teacher for help. The classes are recorded and students have access to them via the Learning Management System. Attendance is not mandatory. During the course of the week, students have assignments and independent practice to complete.

This curriculum has the students becoming full stack developers, able to code both on the client side as well as server side. Client side programming consists of HTML, CSS and Javascript, while server side consists of either PHP or node.js. In addition, students learn JAVA and Python languages for software development. Both languages are important for skills in the industry and students study them extensively with practice and review. Accompanying the programming courses are vital computer skills, necessary in the IT and general business world. Students study both operating systems and databases with MYSQL.

Q: What will be the location, schedule and cost of this program?

A: The twelve-month program will take place online with guided instruction provided live via webcam twice a week. There is rolling admissions, with applications being accepted for each semester of Fall, Spring and Summer.

Information for Fall 2020 is as follows:

- Application deadline is August 17, 2020
- Classes begin on September 7th, 2020
- Classes will be held on Sunday morning 10am-2pm (EST), and Monday/Wednesday 1pm-3pm EST

Tuition is \$7,200. Students will be able to apply for a needs-based scholarship, similar to the FAFSA requirements.

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There is a \$100 enrollment fee, payable at the interview. Students will need one prerequisite course, Algebra, through Naaleh for \$150 dollars before beginning the course. Books, laptops and software may cost up to \$2,000.

The program takes into account Yomim Tovim, but is open on legal holidays.

Upon completion, students have the following options:

- Transfer 24 general education credits towards a bachelor's degree with a TTI academic partner or
- Complete an undergraduate technology degree at Naaleh College with an additional three core courses, Language and Literature, Social Responsibility, Social Sciences and 21 general elective credits.

Q: What is the technology and supplies requirement?

A: Required Equipment:

Computer with high speed internet with:

- Microsoft Windows 7 Pro 64-bit or newer
- Intel® i5 or i7 Quad-Core or Xeon Ivy Bridge or newer processors
- 3.0 GHz or greater processor speed
- 8GB Memory or greater
- 500GB Hard Drive or greater
- Wireless Network Adapter
- Adobe Flash version 9 or above
- Web camera

Required Software:

- Microsoft Office 365/2016
- Adobe Reader version 7 or above
- Java Compiler

Required Textbooks: (Textbooks might be updated)

Semester 1:

- Joyce Farrell. Java Programming 8th Edition, 2015. ISBN-10: 1285856910, ISBN-13: 9781285856919
- Parsons, June Jamrich. Practical Computer Literacy. Cengage 2014. ISBN:1-285-07677-5

Semester 2:

- Ullman, Larry. Effortless E-commerce with PHP and MySQL, 2nd Edition. Pearson 2014. ISBN-10: 0-321-94936-6 ISBN-13: 978-0-321-94936-3
- Coronel, Carlos and Morris, Steven. Database Systems: Design, Implementation, and Management, 12th Edition Cengage 2017. ISBN: 978-1-305-62748-2

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Q: What are my job prospects with this program?

A: Computer Programmers and Web Developers work in a range of areas and can receive jobs in web programming and development, as well as data base management. Their job titles can be software developers, full stack developers, entry level Java application developers, and web developer in any field as every company requires a website and maintenance of that website.

TTI will make an effort to place students in appropriate jobs or internships but cannot guarantee a job placement/internship. There is a student job placement service available for graduates with a minimum of an associate's degree from Naaleh College.

Q: I'm interested in this program. How do I apply?

A: Students will apply via <https://testingandtraining.com/programs/computer-programming-web-development/> Click on Apply Now, and follow the instructions. Students will need to send a copy of their high school transcripts, an essay, a letter of recommendation, and copy of photo ID. Once the file is complete, a personal interview will be scheduled.

Official high school transcripts need to be mailed directly from the high school to the Naaleh College office in Florida: Naaleh College, 16375 NE 18th Ave. Suite 304, North Miami Beach, FL 33162

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