First Time Ever & Just for New Jersey STEM Teachers!

NJIT PROFESSIONAL DEVELOPMENT COURSES THIS SUMMER

MODERN MANUFACTURING

From the Newark College of Engineering

Learn 3D Printing in NJIT’s Makerspace

- Be the first to design & create 3D prototypes in the NJIT Makerspace – an open 10,000 ft² work & training space.
- Gain hands-on experience using 3D industry tools & equipment.
- Add 3D Printing to your STEM curriculum & learn practical applications for your classroom.
- Obtain a resource-rich program of activities to implement in your school.

> Length: 1 day course – 7 hours
> Date: Monday, July 23, 2018
> Time: 9 a.m. - 4 p.m.
> Place: NJIT Makerspace Lab - GITC
> Cost: $525 - lunch and materials included
> Credential Awarded: Yes – 6 Professional Development Hours (PDHs) and/or .6 Continuing Education Units (CEUs)
> Course Number: 2901

COMPUTER SCIENCE

OPTION 1

From the Ying Wu College of Computing

Introduction to Computing for High School Teachers

Instructor-led, Classroom-based

- Designed specifically for high school teachers in response to new NJ law requiring high schools to provide Computer Science education.
- Dive into programming, computational thinking & problem solving using Python.
- Learn strategies for problem solving, constructs for program execution, data types, databases & networks.

> Length: 7.5 weeks – 45 hours (assignments & final exam)
> Date: July 5 – August 23, Mondays & Thursdays
> Time: 6 - 9 p.m.
> Place: On-campus
> Cost: $1575
> Credential Awarded: Yes – 45 Professional Development Hours (PDHs) & 4.5 Continuing Education Units (CEUs)
> Course Number: 2902

OPTION 2

CPE From Continuing Professional Education

Coding Basics & Front End Fundamentals Boot Camp

Mentored, Project-based, Immersive, Online

- Designed specifically for STEM teachers in response to new NJ law.
- Learn new techniques & exercises to teach students software & security with confidence.
- Begin coding from scratch, with HTML, CSS, JavaScript & Source Control.
- Develop your command of advanced tools in jQuery, AJAX, Flexbox & Bootstrap.
- Demonstrate proficiency by creating a website.

> Length: 2 weeks – 80 hours (assignments & projects)
> Dates: July 8-20, Monday - Friday (Section 101)
> July 15-27, Monday-Friday (Section 102)
> Time: Self-paced – 40 hours per week
> Place: Online (with instructor & mentor assist)
> Cost: $1475
> Credential Awarded: Yes – 80 Professional Development Hours (PDHs) & 8.0 Continuing Education Units (CEUs)
> Course Number: 2903

Seats are limited – reserve your space today!

For more information, eligibility, scholarship opportunities, and/or to register, contact Ryan Mass at 973-596-3178, or cpe@njit.edu

Register here >> http://continuing.njit.edu/pre-registration/