CODING ESSENTIALS

CESL ACADEMICS

You might not think that programmers are artists, but programming is an extremely creative profession. It's logic-based creativity.

– John Romero

Intro to Programming is your first step towards careers in Web and App Development, Machine Learning, Data Science, AI, and more! This program is perfect for beginners.

KEY FACTS

TAKEAWAYS

Students will learn.
- Intro to Web Development
- Intro to Programming with Python
- Intro to JavaScript
- Object-Oriented Programming (OOP)

DURATION

Nano Degree Program ranges from 50 hours to 60 hours.

Executive Program ranges from 15 hours to 30 hours.

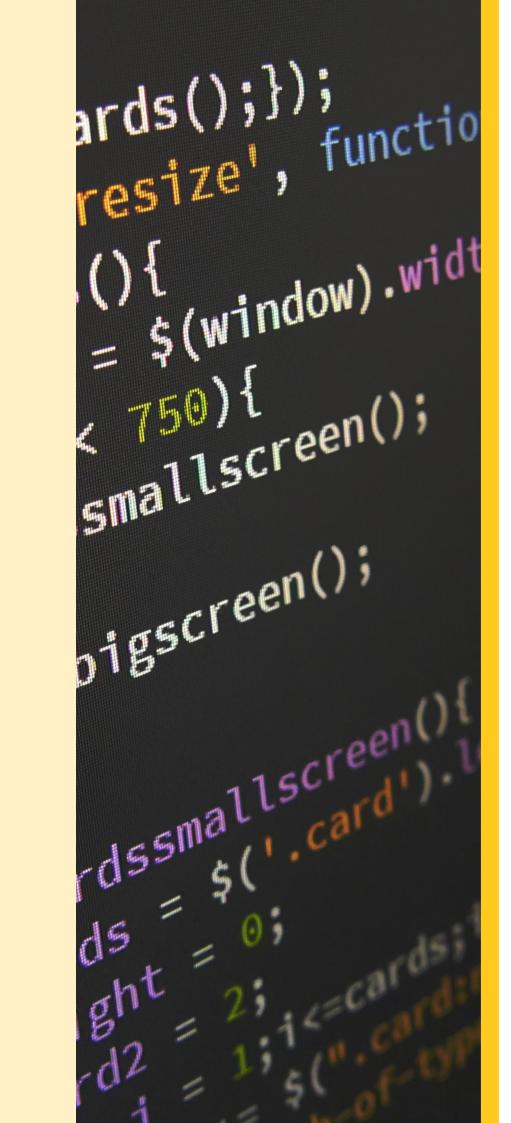### DELIVERY

On Campus

Why should I enroll?

A rising number of professions can benefit from your knowledge of coding. You'll need a solid basis, and in this program, you'll establish a solid foundation in fundamental programming ideas, whether your career goals are to become an artificial intelligence engineer, a web developer, or simply to utilize programming to further your present one. No prior coding knowledge is required to enroll, and we've thoroughly tested the lessons with novice students to make sure they're clear, interesting, and useful.

High-performance, compiled C++ is a language. C++ is used because of its speed in embedded software, cars, and robots. The goal of this program is to transform software engineers into C++ programmers. C++ is the language you'll use to create object-oriented programs, control memory and system resources, and carry out parallel programming.

How do I know if this program is right for me?

This curriculum gives the ideal place to begin learning to code if you have little to no experience. If you're a competent intermediate programmer who is familiar with functions and classes and who wishes to work in the fields of robotics software, IoT, mobile communications, video game development, operating systems, networking, AI, embedded systems, and more, this program is for you.

This program is right for you if you're an intermediate-level programmer familiar with functions and classes who wants to become a C++ developer or pursue a career in robotics software, IoT, mobile communications, video game development, operating systems, networking, AI, embedded systems, and more.

PROGRAM DETAILS

NANO DEGREE PROGRAM

Reactnd

Intermediate JavaScript

Introduction to Programming

EXECUTIVE PROGRAM

- React Fundamentals
- React & Redux
- React Native
- Object Oriented JavaScript
- Functional Programming
- Asynchronous Programming in JavaScript
- Intro to JavaScript
- Intro to Python
- Intro to JavaScript
- Intro to CSS