Computer Programming

A Certificate Opportunity at Grantham University

Programming affects...

**BUSINESS**
- • 2017 – U.S. ecommerce projected to top 10% of all U.S. retail sales
- • Online sales in the U.S. projected to top $370 billion annually by 2022
- • half of $23,000,000 small businesses in America still need to explore ecommerce

Enterprise depends on a healthy, interactive and ubiquitous online presence.

**GOVERNMENT**
- • 2013 – Technical issues with health care insurance online enrollment
- • There are 24,000 websites on 2,000 top-level domain.gov domains
- • The world’s first network, ARPANET, was funded by the U.S. Department of Defense
- • Washington urges the next generation of users to “produce stuff using computers...”

**PEOPLE**
- • 2008 – The number of blogs connected to the Internet exceeds global population
- • More than 3 billion web sites active and accessible to users as of March, 2016
- • The number of smartphone users will reach 2 billion by 2016
- • A growing, global consumer audience requires more and more apps and programs.

**IPv6** = 340,282,366,920,983,463,463,374,607,431,786,211,456
New internet protocol opens up 340 undecillion (1036) internet addresses for use

**Digital Innovation** leads to **CAREER OPPORTUNITIES**

According to the Bureau of Labor Statistics, the growth rate in the computer programming field is projected at 8% for the next decade – that’s roughly 28,000 new and open career opportunities. Interested? Then check out the Introduction to Programming Certificate from Grantham University and get a head start on your future.

The Introduction to Programming Certificate offers 19 credit hours of curriculum focused on skills recruiters look for in new programming talent – the kind of solid expertise that leads to solid careers in web and app development and design. Get an inside look at the courses involved:

**HTML**
- Master the basics of Hypertext Markup Language (HTML)

**Java**
- Learn to program using object-oriented programming

**C**
- Learn to program in C, the language of Linux, UNIX, and other Unix-based operating systems

**C++**
- In C++, learn to program using an object-oriented approach

**Student Success**
- This required one credit hour course introduces Grantham University’s Principles of Learning Strategies for Learning Enhancement, develops the skills essential for effective learning, and enforces the educational policy.

Our information society is only becoming more dependent on the tools of technology, and the programs that run them. and the programs that make them run. Call an admissions representative today at (888) 947-2684 and discover how these 19 credit hours can be a stepping stone to your associate, bachelor’s or even master’s degree... and a better future.

Call (888) 947-2684 or visit grantham.edu for more information

Wearable technology: From smart watches to internet-ready glasses, mobile technology is “everywear”