INFORMATION TECHNOLOGY CAREER PROGRAMS

RITA

The Rural Information Technology Alliance is a grant funded consortium of four colleges with a goal of training qualified IT workers to meet the needs of employers in rural areas. As a result of the grant, Pine Technical and Community College has enhanced and added to IT course curriculum. Additionally, every student in an IT program at Pine will be provided with one-on-one support from an Education and Employment Advisor from the time the student enrolls, until the student finds employment in the IT field. Partnerships enabled by the grant ensure curriculum is current with industry standards and provide additional opportunities for students.

RitaConsortium.org

Employment Outlook

Network Administration

The median annual wage for Computer and Network Administrators was $72,560 in 2012. Employment of Network Administrators is projected to increase steadily through 2022.

Computer Programming

Median annual wages for Computer Programmers in 2012 were $74,280. As technology evolves and new tools emerge, programmers will need to update their skills to remain competitive.

Computer Science

Computer Scientists are increasingly employed in every sector of the economy. The median annual wage for a Computer Scientist was $102,190 in 2012.

Mobile App Development

Mobile App Developers are becoming heavily integrated into modern business. The median annual wage for Applications and Software Developers was $92,660 in 2013.

Cyber Security

The field of cyber security is projected to grow by 37 percent between now and 2022. The median annual wage for Information Security Specialists was $86,170 in 2012.

Employment Information taken from U.S. Department of Labor

Pine Technical & Community College

Info & questions contact
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Fact:
Ten of eleven IT-related occupations in Minnesota has a mean wage of over $30 per hour.

Degree Programs Overview

- $4.6 million was recently invested in Pine's IT programs through the RITA Grant.

- High demand for skilled IT professionals is the reason for the the RITA Grant.

- IT course curriculum at Pine has been enhanced through industry partnerships.

Cybersecurity (emphasis) AAS Degree

The cybersecurity emphasis within the Network Administration program prepares graduates to be leaders in the protection of data assets. Graduates will go on to careers as information systems security professionals, and systems administrators with a focus on systems security.
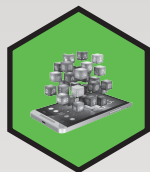
Network Administration AAS Degree

Network Administrators install, support and manage computer networks. Students in the program will gain exposure to diverse aspects of networking, including operating systems, security, voice-over IP, wireless networks and web services.

Computer Programming AAS Degree

The Computer Programming curriculum emphasizes common computer languages used in businesses today and prepares students for employment as computer programmers. Graduates will learn to write and implement customized programs.

Mobile App Development (emphasis) AAS Degree

The Computer Programming Curriculum with an emphasis on Mobile Application Development provides instruction on the basics of program design from analysis through delivery, focusing on the goal of creating modern useful apps for the mobile device marketplace.

Computer Science AS Degree

The A.S. degree in Computer Science is designed to provide students with the foundation of coursework and knowledge transferable to four-year institutions for the student to pursue a bachelor's degree in a computer information science program.

Pine Technical & Community College

More Info: Pine.edu

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