



Computer Information Systems Administration - CISA Dual Credit Program

CISA is a dual-credit program in partnership with BCIT. Through a series of labs and projects students will learn: Computer Hardware & Maintenance (Cisco IT Essentials), Network Fundamentals (CCNAv7: Introduction to Networks) and NDG Linux Fundamentals (Linux Essentials). The program is based upon appropriate industry standards, infrastructure and technology. It covers computer hardware, operating systems, networking and internet technology.

Career Opportunities

Graduates from this program will find job opportunities in every sector of business that processes, installs, configures, and troubleshoots both PC hardware, software and networking components as part of its activities and/or day-to-day operations. Manufacturers such as Cisco, HP, and IBM, typically have “partners” who sell their products. It is with these partners that our students find employment. Other sources of employment include Internet Service Providers (ISPs), government, municipalities, hospitals, health authorities, management companies, airports, transportation services, insurance companies, and many small businesses.

WorkBC – www.workbc.ca

Program Outline

This program combines theory and hands-on training in the following courses.

- Computer Hardware & Maintenance (Cisco IT Essentials)
- Network Fundamentals (CCNAv7: Introduction to Networks)
- NDG Linux Fundamentals (Linux Essentials)



Tuition*

Tuition for dual credit programs may be paid in part or fully by the school district. Secondary school students will be responsible to pay for course materials & student tool kits.

- Tuition: n/a
- Student cost: \$250

*All program costs are approximate and subject to change without notice

Program Schedule

Program duration: 20 weeks

Start Date: Semester 2 – every second day

Monday to Friday, 9 am to 3:15 pm

Locations

775 Graham Road Campus (beside Quigley Elementary School)

Student for a Day

Arrange your shop tour or Student for a Day experience by contacting your school Career Coordinator.

Credentials Received

On successful completion of the CISA Program at SD #23, students will receive a Year 1 Level 1 advanced standing to transfer into the CISA Program, Year 1 Level 2 at BCIT in Burnaby upon successful completion of remaining 3 of 6 articulation/bridging courses and successful competitive acceptance. Additionally, students will earn 16 grade-12 elective credits towards high school graduation for successful completion.

Physical Requirements

- Lift and carry tools, equipment, supplies and materials weighing up to approximately 15 lbs.
- Ability to work in a seated position for an extended period of time.

Recommendations for Success

- Good general health
- Capable of stationary work for extended periods of time
- Ability to tolerate noise and vibration
- Commitment to continuous learning and training
- Good inter-personal and team work skills

Recommended Prerequisites

- SD23 students are encouraged to take the following IT courses prior to the CISA program:
 - **Cybersecurity**
 - Credits: 4
 - Prerequisite: Math 10, Grade 11 or 12 student
 - **Gateway to Technology** (Delivered by OC)
 - Credits: 4
 - Prerequisite: none

Admission Requirements for School District Students

- Attend "Student for a Day" at the 775 Graham Road campus
- Complete the School District application package and hand it into your Career Programs Coordinator
- Be on track to graduate with a Dogwood diploma
- Meet with Career Coordinator to review program and school district expectations
- BCIT course requirements/admission requirements met for program
- Application approved and accepted by School District
- An interview may be required for potential applicants

Focus on Safety

BCIT is committed to providing a safe learning environment for students. All students are responsible for:

- Knowing safe work procedures in classroom, and work areas.
- Following the safety standards as taught by the instructor. These standards meet or exceed the regulatory requirements of the WorkSafe BC Occupational Health and Safety Regulation.

Failure to do so may result in suspension from the program. Each student is expected to report any unsafe condition or unsafe behavior to his/her instructor.

Consider a challenging career in a diverse field

