

Software Engineer or Designer

Job Description: Software engineers and designers research, design, test, and maintain software applications, technical environments, operating systems, embedded software, information warehouses, and telecommunications software.



Wage Range: \$25.00-\$67.31

BC Labour Market Outlook 2019-2029: Over 4,500 job openings throughout BC

- [Click here](#) to visit the WorkBC labour market outlook site

Future Opportunities:

Technical Lead

Project Manager



Northern Lights
College

Skills and Competencies Courses: Skills and competencies such as communication, critical thinking and time management are what employers look for in their employees. These skills transfer over to a wide variety of job market sectors and are valuable for everyone.

Click on the course titles below for more information:

	Online-Self Directed	Online Instructor Led	Virtual Face to Face	Instructor Support Add on	In Class Face to Face
Critical Thinking	●	●	●	●	●
Time Management	●	●	●	●	●
Communication Strategies	●	●	●	●	●
Persuasive Communication	●	●		●	
Organizational Skills	●	●	●	●	●
Collaborative Problem Solving	●	●		●	

Exploratory Courses: These courses are a great start for those who are interested in pursuing a career as a software engineer or designer.

Click on the course titles below for more information:

	Online-Self Directed	Online Instructor Led	Virtual Face to Face	Instructor Support Add on	In Class Face to Face
Introduction to Java Programming	●	●		●	
Intermediate Java Programming	●	●		●	
C# Programming Series		●		●	
Introduction to Python 2.5 Programming		●		●	
Introduction to JavaScript	●	●		●	

Professional Development: These courses are for those who are currently working or have worked in a similar area as this that would like to advance in position and/or would like to grow their knowledge base. *Click on the course titles below for more information:*

	Online-Self Directed	Online Instructor Led	Virtual Face to Face	Instructor Support Add on	In Class Face to Face
Advanced Python	●				
Advanced JavaScript Concepts	●				
Advanced Web Pages	●	●		●	
Advanced CSS3 and HTML5	●	●		●	
Intermediate Java Programming	●	●		●	
Fundamentals of Supervision and Management	●	●		●	
Organizational Skills	●	●	●	●	●
Supervising Others	●	●	●	●	●

Online-Self Directed Offering: These courses are for those who have moderate computer experience and want to be able to fit course work around their schedules. These courses are entirely done online with the majority of courses having a 3-month completion time frame. (with some exceptions) These courses can be enrolled in at any time.

Online Instructor Lead: These courses have a structured schedule and are instructor lead. This is a great option for those who have time in the schedules and who need some support of an instructor

Virtual Face to Face: These courses have a structured schedule and are conducted like a more traditional face to face course that allows instructor and students to communicate in real time and collaborate together in break out rooms.

Instructor Support Add On: These courses can have the option of instructor support added on to the course itself. This is the perfect option for those are new to online courses or just need a bit of extra support and check ins. This option would have more of a structured schedule.

In Class Face to Face: These courses are delivered in the traditional classroom setting. This option is great for courses that have hands on components as well as deeper discussions, role play and a more personal setting.

Customized Private Group Training: If you have a group of people that you want to train at one time, you can have a class that is just for your group. This can be for one course or a group of courses. Group trainings can also be customized to fit the needs of your group.