

Digital Design and Development

Diploma Full-time [School of Business + Media](#)

Overview

The Digital Design and Development Diploma provides students with a strong foundation in designing, developing, and marketing dynamic online applications across various platforms. Collaborate with teams in class to create web and mobile applications, educational products, video and audio assets for interactive media, and business applications.

Delivery: blended. [See details.](#)

Students in the Digital Design and Development program develop a solid foundation in designing, developing, and marketing interactive, dynamic, immersive social and online applications across various digital media platforms. Upon graduation, many work in user interface and usability design, frontend engineering, content design, web and mobile developments with technology companies, digital media production studios, advertising and design firms, and any industry that needs digital technological presence and expertise.

Learn to work within a team to design and develop web and mobile applications, educational products, video, and audio assets for interactive media and business applications.

[BCIT Digital Design and Development program \(D3\).](#)

[1]

About the program

- Two-year, full-time diploma program
- Eight week practicum to learn on the job
- Learn from some of the most knowledgeable and talented people in the industry
- Graduate with a professional portfolio to show employers

Want more info? Check out our [Program Details](#).

Who should apply for the Digital Design and Development Diploma?

The Digital Design and Development diploma program is right for you if:

- You have an arts background and understand movement (ie. dance, music, painting)
- You have strong problem solving skills
- You are able to work on tight deadlines while maintaining high quality
- You are willing to practice, practice, practice!

Ready to get started with the Digital Design and Development program? Visit [Entrance Requirements](#) to apply.

What grads can do

Graduates are often able to turn the connections they make during the Digital Design and Development program into jobs.

Take a look at [Graduating and Jobs](#) to see the types of roles Digital Design and Development grads take on.

Entrance Requirements

Application processing

Open to applications beginning October 1st (or next business day).

Entrance requirements

Applicants must meet all entrance requirements and will be accepted on a first qualified basis as long as space remains.

- **English language proficiency:** [Category 2 \[2\]](#) – English Studies 12 (67%) or equivalent

[Read more about how to meet BCIT's entrance requirements \[3\]](#)

Recommended for success

- Proficiency using Windows and/or Mac OS, and Knowledge of basic computer concepts and logic.

International applicants

This program is available to international applicants. A valid [study permit \[4\]](#) is required prior to starting the program.

Students enrolled in this program must complete the mandatory work component to qualify for graduation. A co-op work permit is required prior to starting the work component.

Apply to program

To submit your application:

- Include proof of meeting all entrance requirements.
- Convert all transcripts and supporting documents to [PDF files \[5\]](#).
- Have a credit card ready to pay the application fee.

[Learn more about how to apply \[7\]](#)

Scheduled Intakes

September each year.

Prior Learning Assessment & Recognition (PLAR)

Students may request to have prior work experience or previously taken courses assessed for course exemption. Contact the department for further details on [Prior Learning Assessment Recognition \(PLAR\) \[8\]](#).

myCommunication

Within two business days of submitting your completed application, BCIT will send a message to your personal and myBCIT email addresses. All correspondence regarding your application will be posted to your online [myCommunication \[9\]](#) account at [my.bcit.ca \[10\]](#). We will send you an email when a new message is posted. It is important to watch for

these emails or regularly check your account online.

You can expect to receive communication concerning the status of your application within four weeks.

Advanced Placement

Conditions

You may be eligible to apply to an advanced level of the program through **re-admission**. Please note that applications are considered based on:

- **Complete applications:** you must show proof that you have completed (or are registered in) all requirements to be considered.
- **Competitive entry:** if the number of applicants exceeds available seats, BCIT will accept those deemed to have the best opportunity for success.
- **Seat availability:** confirmation may not be available until approximately one week before the term begins.

Re-admission

You can apply for re-admission if you:

- were previously admitted to this program and completed part of it at BCIT and
- want to re-enter the program at an advanced level.

Applications are accepted throughout the year.

Submit the [Course-by-Course Self-Assessment Form \[PDF\]](#) [\[11\]](#) with your application.

Ready to submit your application? [Apply now.](#) [\[12\]](#)

Costs & Supplies

Tuition fees

Use our [tuition estimator](#) [\[13\]](#) to find tuition and fees for this program.

For more information on full-time tuition and fees, visit:

- [Full-Time Studies Tuition & Fees](#) [\[14\]](#)
- [International Tuition & Fees](#) [\[15\]](#)

Books & supplies

We recommend that students in the Digital Design and Development program have a MAC notebook or Windows PC. Costs for a computer will vary depending on the configuration chosen. Please see below for specifications.

System Requirements for Digital Design and Development

Operating System	Microsoft Windows 10 (64-bit) version 1809 or later or Apple® macOS® 10.13, 10.14 or later (64-bit Intel-based)
Processor	64-bit Intel® or AMD® multi-core processor with SSE4.2 instruction set
Memory	16 GB minimum (32 GB for 4K media or higher)
Graphics	Nvidia GeForce GTX 1050 or equivalent; Nvidia GeForce GTX 1660 or Quadro T1000 is recommended. or AMD Radeon Pro 555X or higher or Intel UHD Graphics 630 or higher
Storage	250GB SSD or higher
Monitor	1920 x 1080 or better
Internet	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services.

Financial assistance

Financial assistance may be available for this program. For more information, please contact [Student Financial Aid and Awards \[16\]](#).

Courses

Class hours

Classes may be scheduled Monday to Friday between the hours of 8:30 am and 9:30 pm.

Program matrix

Term 1 (15 weeks)		Credits
COMM 1118	Communication for Digital Design and Development 1	3.0
COMP 1170	Fundamental Frontend Web Technologies	3.0
MDIA 1055	Vector Graphics 1	3.0
MDIA 1106	Design 1	3.0
MDIA 1620	Basic System Operations and Programming	3.0
MDIA 2190	Photoshop	3.0

MDIA 2536	Interface Design Usability	3.0
MKTG 1102	Essentials of Marketing	3.0
OPMT 1173	Agile Project Management	3.0
Level 2 (20 weeks)		Credits
COMM 2218	Communication for Digital Design and Development 2	4.0
COMP 2170	Frontend Web Development 1	4.0
MDIA 2003	Project 1	4.0
MDIA 2055	Vector Graphics 2	4.0
MDIA 2106	Design 2	4.0
MDIA 2109	Dynamic Content Design	4.0
MDIA 2295	Motion Graphics	4.0
MKTG 2020	Digital Brands and Consumers	4.0
Level 3 (15 weeks)		Credits
COMP 3170	Frontend Web Development 2	3.0
MDIA 3003	Project 2	3.0
MDIA 3060	Visual Story in Digital Media	3.0
MDIA 3106	Design 3	3.0
MDIA 3126	Digital Asset Integration	3.0
MDIA 3190	Advanced Photoshop	3.0
MKTG 3010	Marketing in the Attention Economy	3.0
MKTG 3850	User Behaviour and Campaign Analytics	3.0
Level 4 (20 weeks)		Credits
BLAW 3205	Internet and IT Law	3.0
COMP 4170	Full Stack Web Development	3.0
MDIA 3109	Advanced Dynamic Content Design	3.0
MDIA 4003	Final Project	3.0
MDIA 4040	Leadership and Ethics	3.0
VENT 4000	Entrepreneurship	3.0
and		

MDIA 4400	Practicum	9.5
Total Credits:		110.5

Transfer credit

Do you have credits from another BC/Yukon post-secondary school? Do you want to know if they transfer to courses here at BCIT? Check out BCIT's [Transfer Equivalency Database \[49\]](#) to find out.

Program Details

Digital Media Internship

Prior to graduation, Digital Design and Development students participate in a hands-on, eight-week practicum to learn on the job and develop business connections in the digital media industry. The practicum provides a valuable career building experience and can even lead to a job offer from the sponsoring company.

Program length

Two years, full-time (no classes June – August).

All program requirements must be completed within five years.

Grading

Students must achieve a minimum of 50% in each course in order to successfully complete the diploma.

Program delivery

Blended: This program is delivered partly on campus and partly online.

Program location

[Burnaby Campus \[50\]](#)

3700 Willingdon Avenue

Burnaby, BC

[Distance and online learning \[51\]](#)

Continue your education

Graduates of the diploma program may ladder into BCIT's [Bachelor of Business Administration \[52\]](#).

Graduating & Jobs

Graduates have a variety of digital media skills that can lead them to various content design and development jobs with digital media production studios, advertising companies, design firms, and web and mobile app developers. Graduates may also have opportunities to be part of a team that creates games, digital animations, and dynamic content.

Job opportunities:

- Mobile and Web Content Artist
- Internet Marketing Coordinator
- Digital Media Coordinator
- Web and Mobile Developer
- Interface Designer
- Game User Interface Designer
- Project Manager
- Digital Media Manager
- Digital Media Producer
- Web Development Manager
- Dynamic Media Designer
- Digital Media Product Designer

Contact Us

Henry Leung

Program Head, Digital Design and Development

604-412-7694 | Henry_Leung@bcit.ca

Contact a [Program Advisor](#) with the BCIT program name in the subject line if you have a question about:

- Program selection and program planning
- Applying for transfer credit and advanced placement
- Job placement and graduate outcomes
- Student life

Programs and courses are subject to change without notice.

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- [2] <https://www.bcit.ca/admission/entrance-requirements/english-language-proficiency/#category2>
- [3] <https://www.bcit.ca/admission/entrance-requirements/>
- [4] <https://www.bcit.ca/international-students/permits-visas-status/study-permits/>
- [5] <https://www.bcit.ca/admission/how-to-apply/submitting-transcripts-supporting-documents/#documents>
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- [12] <https://www.bcit.ca/programs/digital-design-and-development-diploma-full-time-6515dipma/#apply>
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- [53] <https://www.bcit.ca/international-students/>
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