

# Computer Science Technology



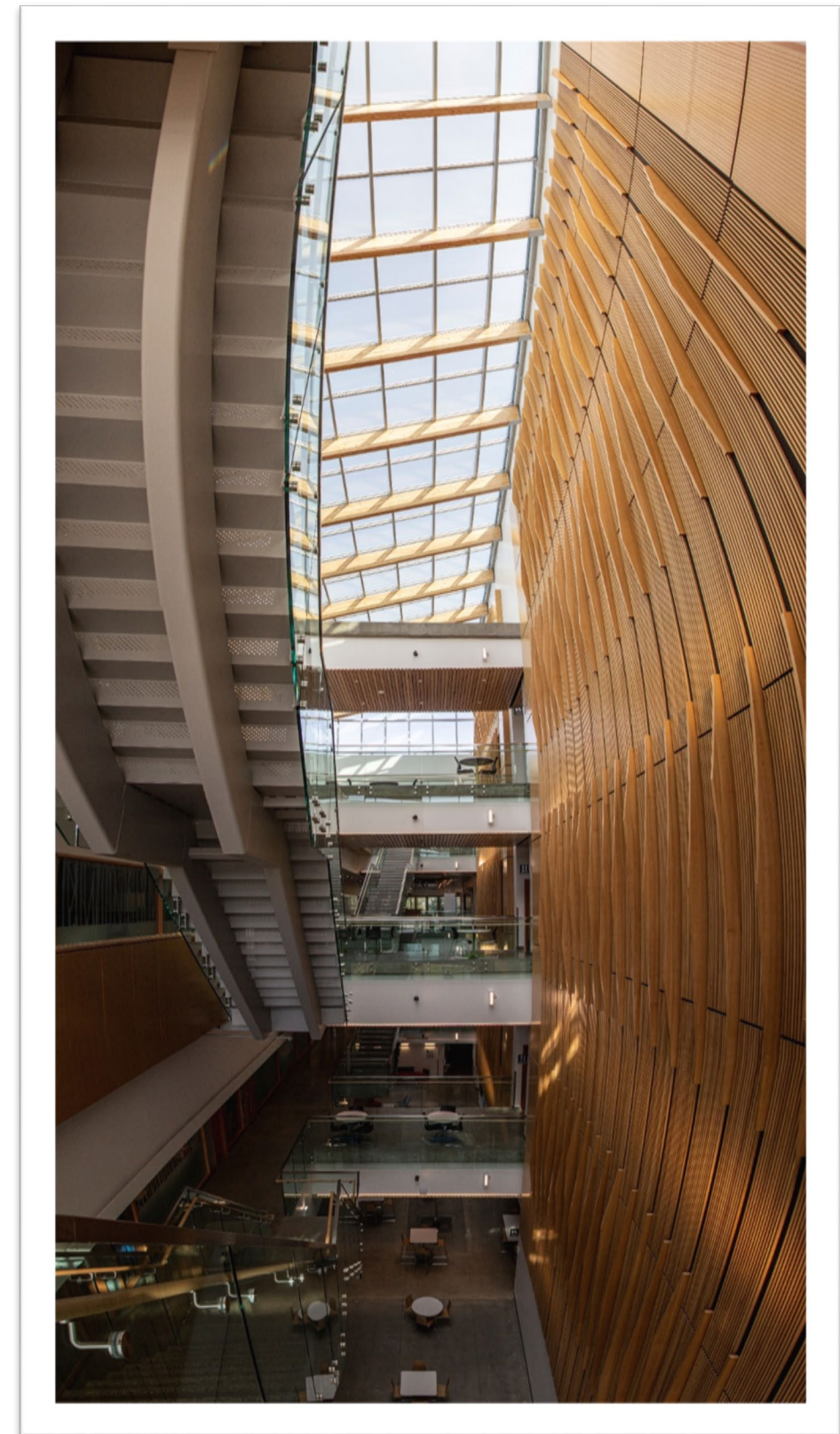


## **Territorial Acknowledgement**

Camosun College is located in beautiful Victoria, British Columbia with campuses on the Traditional Territories of the Lekwungen and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.

# Camosun College

- ▶ Camosun College is B.C.'s largest public college
- ▶ 19,000+ students
- ▶ 1,200+ faculty and staff
- ▶ Programs range from arts and business to tech and trades to university transfer and continuing education
- ▶ Credentials include dual credits, certificates, diplomas, degrees, post-degree diplomas



# COVID-19

**The health and wellbeing of students and staff remains the priority of Camosun College.**

The college's COVID-19 Response Coordination Team is monitoring the situation and ensuring measures are in place to keep the college community safe.

We're ready for you. The college is planning for a mix in the delivery of courses following guidelines from the Provincial Health Officer, WorkSafe BC and the B.C. Government.

COVID-19 information and frequent updates are available at: **[Camosun.ca/COVID19](https://www.camosun.ca/COVID19)**



# Computer Science Technology



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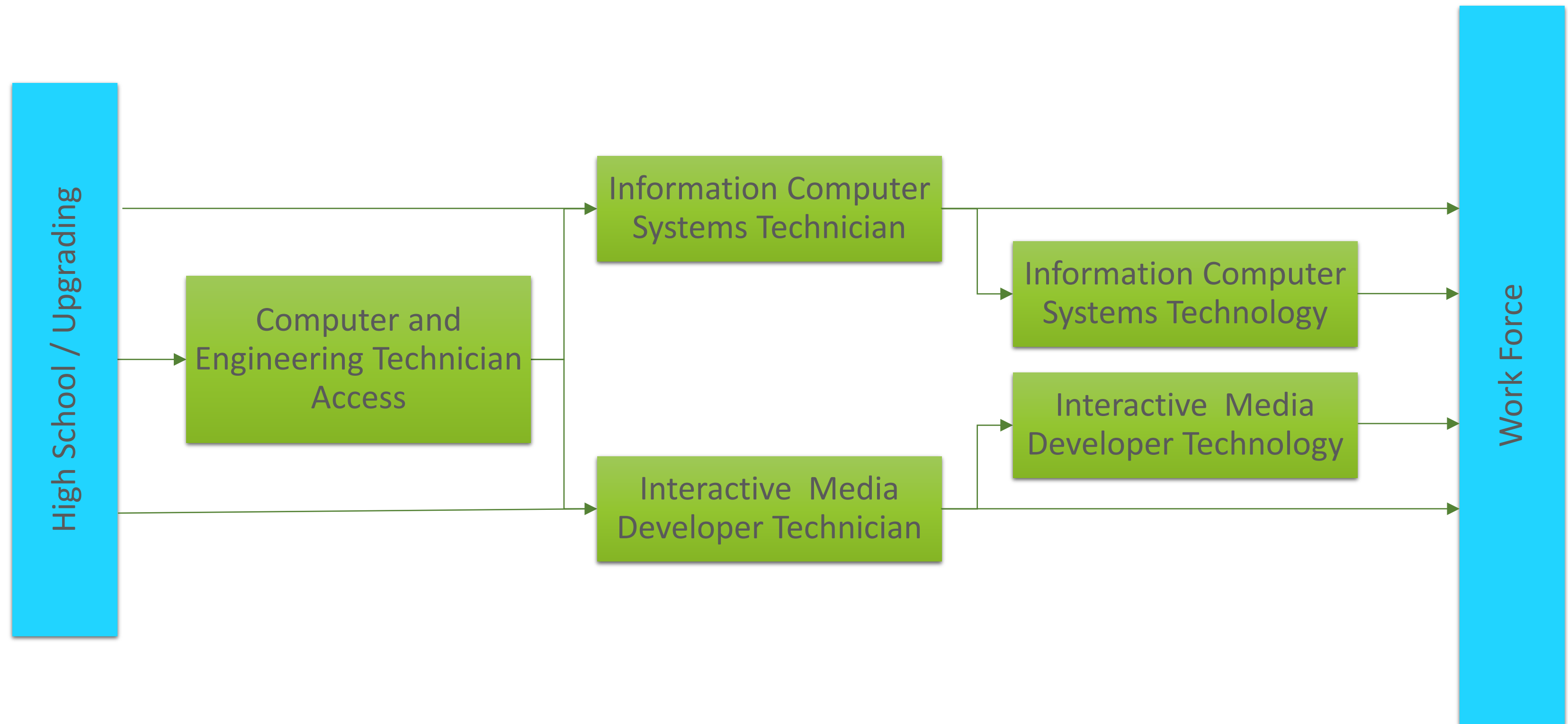
**Campus**  
Camosun College Interurban  
4461 Interurban Rd  
Victoria BC V9E 2C1

# Computer Science Technology

## ▶ Programs Offered

- ▶ Information and Computer Systems Technician
- ▶ Information and Computer Systems Technology
- ▶ Interactive Media Developer Technician
- ▶ Interactive Media Developer Technology
- ▶ Computer Science University Transfer

# Education Options – Overview



# Technology Access

**Admission Requirements:** A minimum grade of;

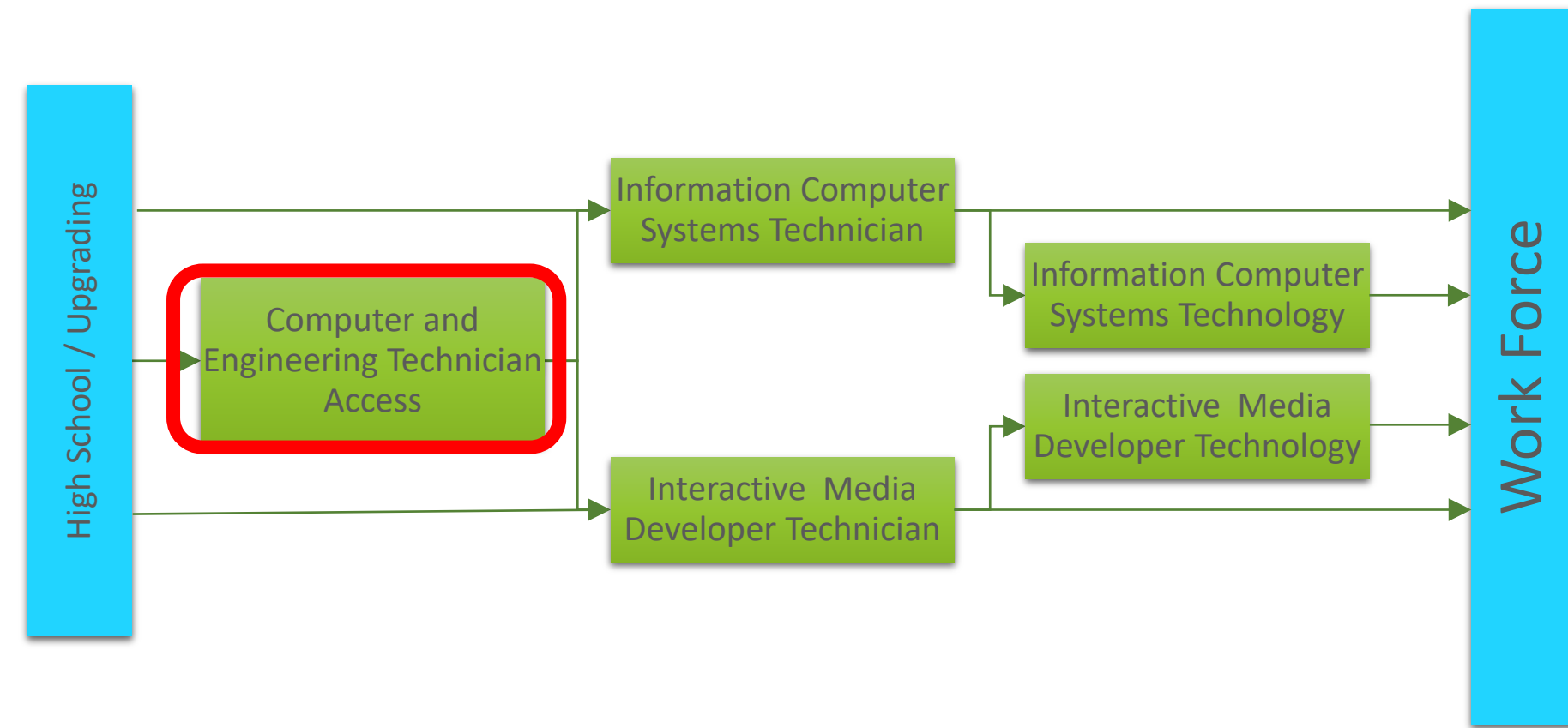
- ▶ B in Math 10, and
- ▶ C in English

**Outcome:**

- ▶ Certificate in Technology Access
- ▶ Guaranteed acceptance into corresponding Technology Program

**ICS and IMD Access**

- ▶ Duration: 4 months
- ▶ Note: Pre-requisite courses are also at Lansdowne





# Technician Programs

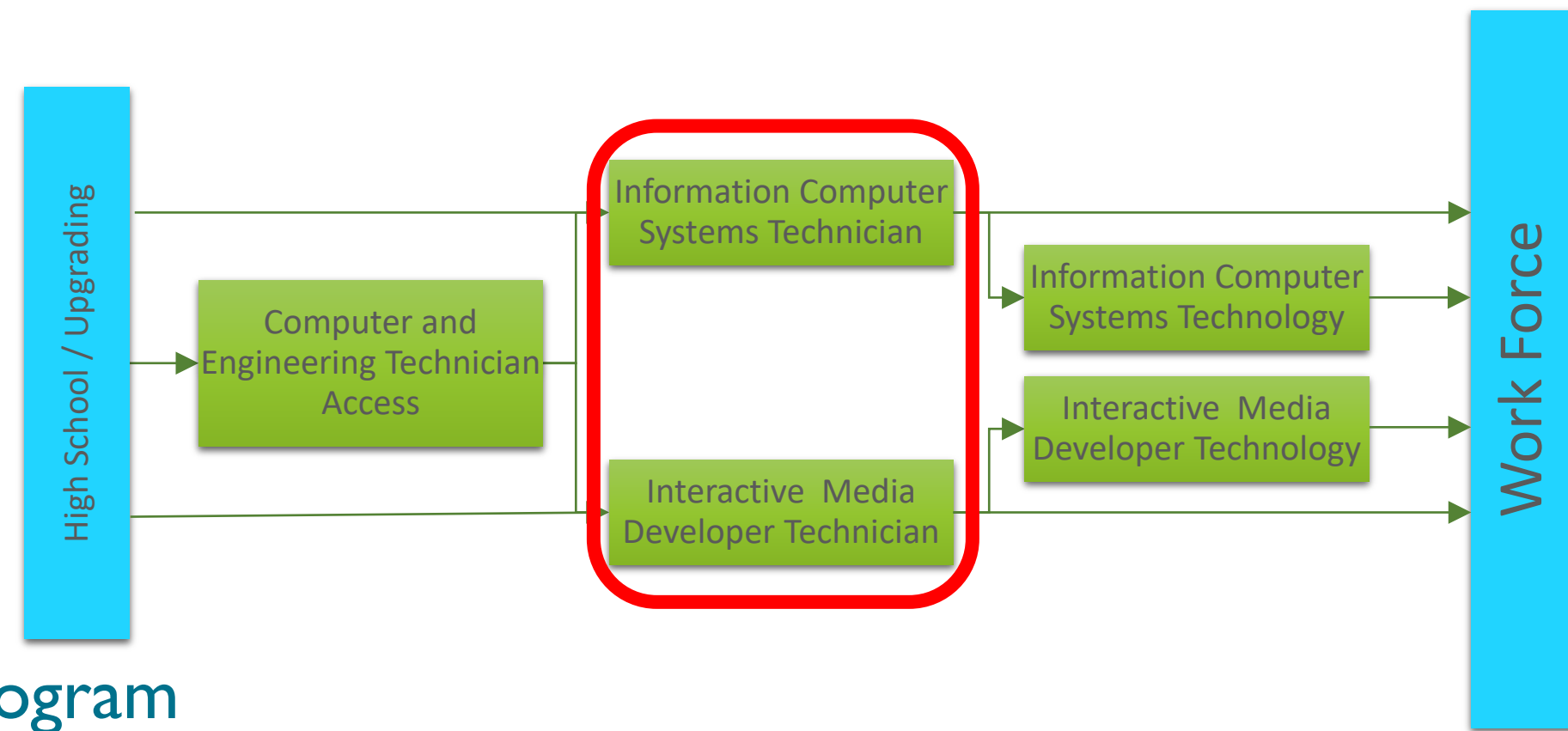
## ▶ Admission Requirements:

- ▶ Foundations of Math II and
- ▶ English 12 or TPC 12 or
- ▶ Successful completion of related access program

## ▶ Duration: 10-12 months

## ▶ Outcome:

- ▶ Job Ready
- ▶ Technician Certificate
- ▶ ICS and IMD Technician programs transition into their respective Technology program



## Programs Available

Information and Computer Systems Technician

Interactive Media Developer Technician

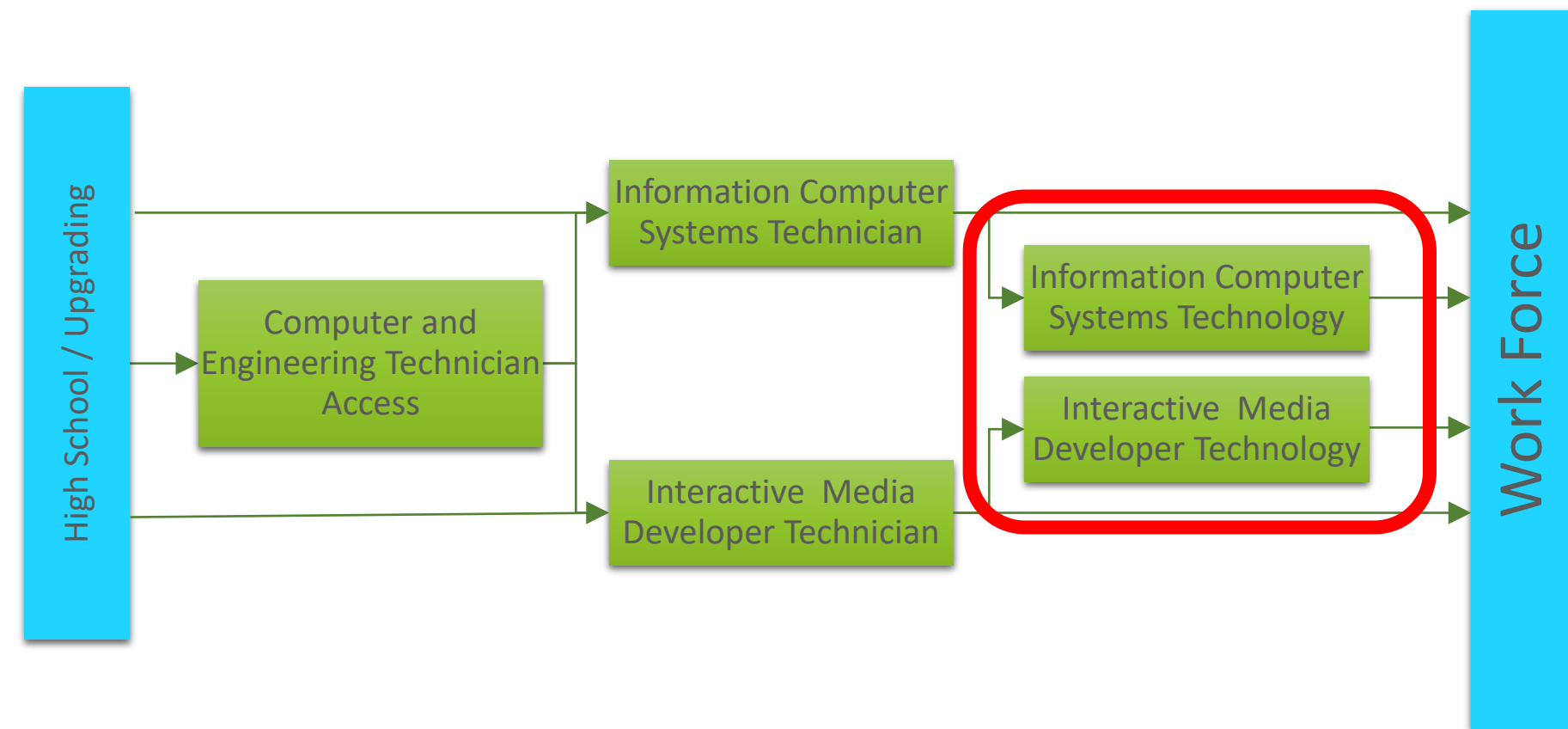
# Technology Programs

## Duration:

- ▶ 2- 2 1/2 years
- ▶ 3 years with work terms

## Outcome:

- ▶ Job Ready
- ▶ Technology Diploma



## Programs Available

Information and Computer Systems

Interactive Media Developer

# Computer Science

- ▶ What is involved in Computer Systems Technology ?
  - ▶ It is:
    - ▶ Programming – build software applications
    - ▶ Databases – create information structures
    - ▶ Web development – design effective user interfaces
    - ▶ Support – provide technical assistance
    - ▶ Requirements gathering – understand what clients want
    - ▶ Analysis – document the information
    - ▶ Data security – protect information
    - ▶ Maintenance – enhance existing software
    - ▶ And more ...
  - ▶ all for the purpose of software development



# Computer Science

## ► Information and Computer Systems Technician (year one)

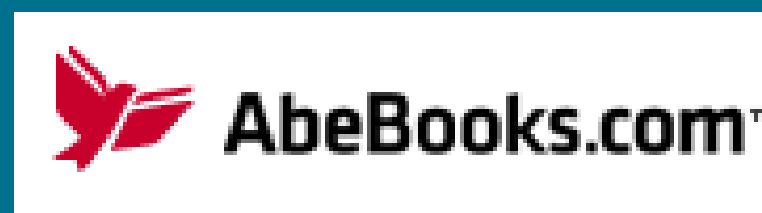
graphics logic HTML software  
develop internet CSS website eBusiness  
Unity browser  
server team work program  
debug ethics writing Python website  
database Javascript Linux writing Python website  
hardware statistics standards windows e-portfolio  
security compiler Java problem solving  
algorithms interpreter communication

# Computer Science

## ▶ Information and Computer Systems Technician ( year I )

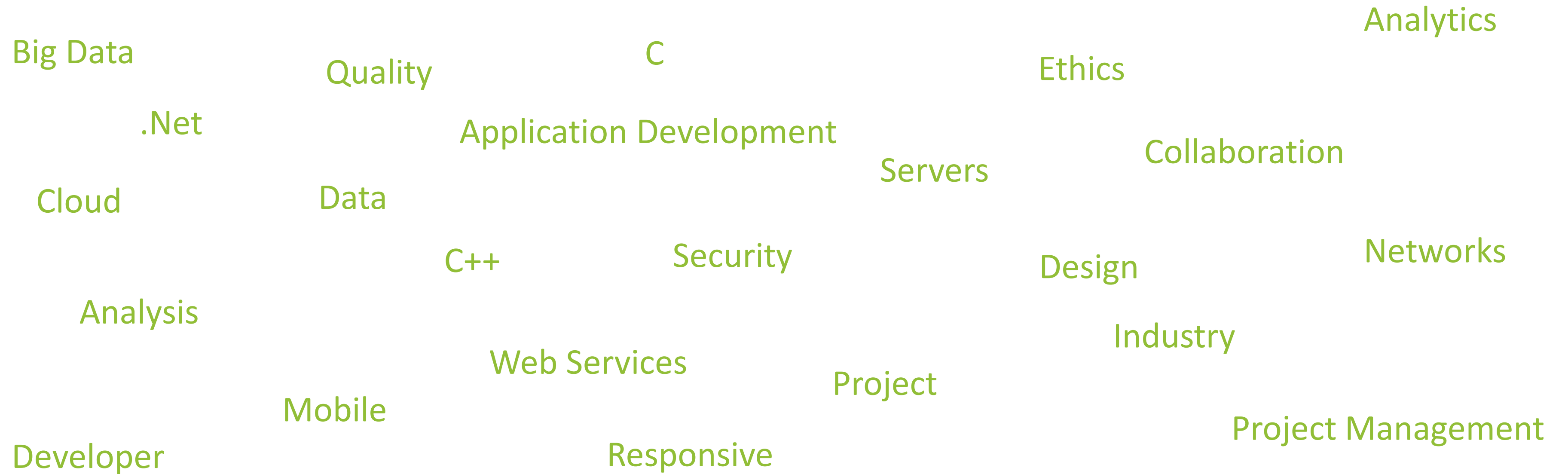
### ▶ Career Choices

- ▶ Computer Systems Technician
- ▶ Webmaster
- ▶ Junior Software Developer
- ▶ Customer Support Technician



# Computer Science

## ► Information and Computer Systems Technologist (year 2)



# Computer Science

## ▶ Information and Computer Systems Technologist (year 2)

### ▶ Career Choices

- ▶ Web and Database Developer
- ▶ Mobile Application Developer
- ▶ Game Developer
- ▶ Systems Analyst
- ▶ Programmer



# Computer Science

## ▶ Interactive Media Developer Technician

- ▶ In one year of full time studies you will graduate with a certificate Interactive Media Developer Technician. This program prepares you to work locally in the exciting world of software development.
- ▶ Possible careers
  - ▶ junior application
  - ▶ web developer
  - ▶ junior graphic designer



# Computer Science

## ▶ Interactive Media Developer Technologist

▶ In two years you will graduate with a diploma as a Interactive Media Developer Technologist.

### ▶ Possible Careers:

- ▶ web, software, game or mobile app developers,
- ▶ quality assurance,
- ▶ visual effects,
- ▶ product management
- ▶ product design/user experience



**First  
Graduating class  
2021**

# Computer Science

## ▶ University Transfer Computer Science

- ▶ We offer courses for the first year of a Bachelor Degree in Computer Science at the Lansdowne Campus.
- ▶ You can combine Computer Science with any other discipline including:
  - ▶ Health Information Science
  - ▶ Music
  - ▶ Visual Arts
  - ▶ Geomatics
  - ▶ Psychology
  - ▶ Statistics
  - ▶ And more

# Technology Programs

For a complete program list go to:

<http://camosun.ca/learn/school/trades-technology/technology-programs.html>

*Click on:*

1. 'What You'll Learn' for a list of required courses
2. 'What it Costs' to view tuition fees
3. 'Admission Requirements' to see what courses or credentials are required to enter the program.
4. 'Apply online' to apply

# Student Services at Camosun



**Admissions & Recruitment**  
The right start at Camosun



**The Writing Centres**  
How can we help?



**Centre for Accessible Learning**  
Supporting your learning experience



**Academic Advising**  
Guiding you on your educational journey



**Academic Upgrading**  
Whatever your need, we have an option for you



**Indigenous Student Support**  
Find your way and feel like you belong – with our help



**Fitness & Recreation**  
Make time for your well-being



**Financial Aid & Awards**  
Funding your education



**Counselling Centre**  
Supporting you through life's challenges



# Thank you

## FOR MORE INFORMATION:

Civil Engineering: [civil@camosun.ca](mailto:civil@camosun.ca)

Computer Science: [schaerer@camosun.ca](mailto:schaerer@camosun.ca)

Electronics and Computer Engineering: [duncana@camosun.ca](mailto:duncana@camosun.ca)

Mechanical Engineering: [lyle@camosun.ca](mailto:lyle@camosun.ca)

