

Vancouver Technical Secondary

Course Planning- Grade 12

-HOW TO MAKE IT TO THE
END WITH

MS KAERA ROSS ^



YOU'VE
LEVELED UP!





How far you've come!

- Grade 10

- English 10
- Math 10
- PHE 10
- Socials 10
- Science 10
- Career Life Ed 10
- 2 Electives

- Grade 11

- English 11
- Math 11
- Socials 12
- Science 11/12
- 3 Electives

- Grade 12

- English Studies or English First Peoples 12
- Career Life Connections 12
- 6 Electives



Check Your Requirements From Grade 11

- All students will need the following courses at the grade 11 level to graduate:
 - An English 11 (Composition, New Media, Creative Writing, or English First Peoples).
 - A Math 11 (Pre-Calculus, Foundations, or Workplace)
 - A Science 11 or 12 (Almost always an 11)
 - [Optional] Social Studies 12 (Usually taken in Grade 11)
- On track? If you're concerned, talk to Ms. Ross 😊





Indigenous Grad Requirement

- The Ministry of Education requires students to take at least one course with an Indigenous focus to graduate.
 - Great news: This is easy at Van Tech as our English, Socials, and French Immersion departments have multiple options!
 - Courses that meet the criteria for 2026-27
 - English First Peoples Literary Studies & Writing 11
 - English First Peoples 12
 - BC First Peoples 12 (*Socials course*)
 - Contemporary Indigenous Studies 12 (*Socials course*)
 - Peoples Autochtones de la BC 12 (*French Immersion Gr 11 option*)





School Programs



- **French Immersion, Flex Humanities, LAC, and Summit all continue in Grade 12.**
 - If you were in a program in grade 11, it's assumed you're continuing in grade 12.
 - If you were not in one, you'll continue to not be unless you apply and are accepted (subject to room).

Courses For Next Year's Programs:

- **French Immersion (1 course): Francais Langue 12 (Counts as an Academic 12)**
- **Flex Humanities (1 course): Philosophy 12 (Counts as an Academic SS12)**
- **LAC (4 courses): Math, Science, & Humanities**
- **Summit (1 course): Career Life Connections 12 (Counts as your CLC 12)**



Course Planning for After Graduation

“Finding your next adventure”

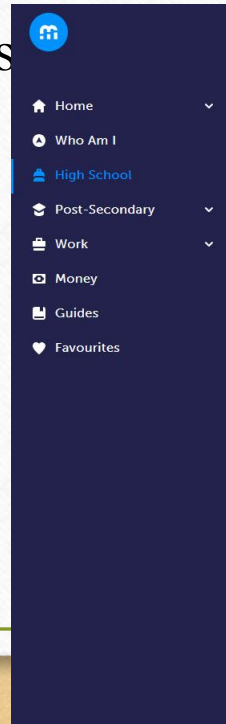
- Ms. Ross will go through a lot of important information in the next few slides, but remember everyone will have their own goals, so take an ACTIVE role in:
 - Asking questions (whenever they come up).
 - Using online resources to make informed decisions:
 - MyBluePrint (VSB Login)
 - FIT Office Hours with Ms. Ross!
 - Reading through Post-Secondary website requirements





myBlueprint

- MyBluePrint is something generally introduced in the CLE 10 course. It is a FANTASTIC way to plan out your post-secondary goals. It helps you build potential futures where you can see how your course choices affect your post-s



High School

Plan Courses

Van's Test

View Plans

Grade 10 Current Year	Grade 11 Next Year	Grade 12 Plan Ahead	Additional Plan Ahead
English 10 MEN-10 • 4 Credits	English 11 MEN-11 • 4 Credits	English 12 First Peoples MEFP-12 • 4 Credits	+ Course
Foundations of Mathe... MFMP-10 • 4 Credits	Pre-calculus 11 MPREC-11 • 4 Credits	Career Life Connections MCLC-12 (CLC) • 4 Credits	+ Course
Social Studies 10 MSS-10 • 4 Credits	Geography: Asian Stud... MGEO-12SC1 • 4 Credits	Automotive Technolog... MAT-11 • 4 Credits	+ Course
Science 10 MSC-10 • 4 Credits	Chemistry 11 MCH-11 • 4 Credits	French 12 MFR-12 • 4 Credits	+ Course
Physical Education 10 MPE-10 • 4 Credits • 90%	Physical Education 11 MPE-11 • 4 Credits	Chemistry 12 MCH-12 • 4 Credits	+ Course
Career Life Education CLE (MCLE-10) • 4 Credits	French 11 MFR-11 • 4 Credits	Physics 12 MPH-12 • 4 Credits	+ Course
Drama: Theatre Comp... MDRTC10 • 4 Credits	Social Studies 11 MSS-11 • 4 Credits	Graduation Transitions MGT-10 • 4 Credits	+ Course
French 10 MFR-10 • 4 Credits • 73%	Physics 11 MPH-11 • 4 Credits	+ Course	+ Course

Graduation Indicator

Planned 76
Earned 4
Required 80/80
Total Credits 96



View Progress

Pathway Eligibility

Apprenticeship 118
College 2363
University 1230
Workplace 133



Career Life Connections (CLC) 12

[Required Course]

- **Career Life Connections 12** is an Extension of **Career Life Education**

- You will need to complete a Capstone Project- a passion project around your area of interest that demonstrates the skills you developed in your educational experience

- Students can complete this course in two ways:

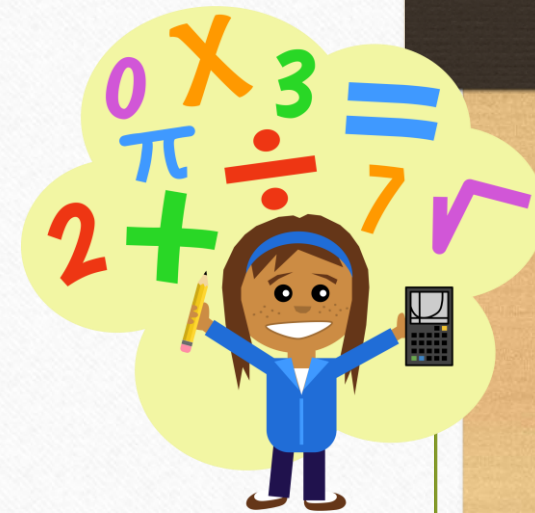
- On Timetable
 - Taken for one semester.
 - You attend every second school day, alternating with a study block.
- Off-Timetable
 - Taken all year.
 - Meet one to two times a week, likely after school.





Math 12

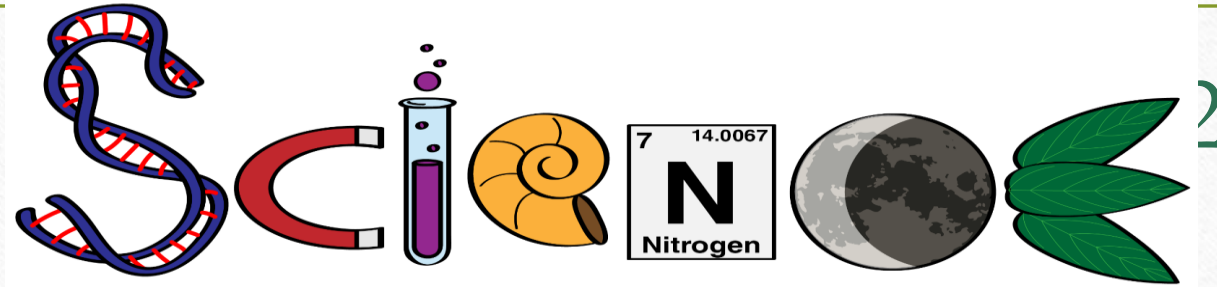
- ▶ Grade 11 is the last required math year.
- ▶ Van Tech offers the following Grade 12 courses:
 - ▶ **Workplace Math 12**
 - ▶ **Foundations of Math 12**
 - ▶ **Pre-Calculus 12** (Required for University Science, Math, Comp Sci, Business, & Engineering)
 - ▶ **Calculus 12** (Valuable for Science, Math, Comp Sci, and Engineering)
 - ▶ **AP Calculus 12**
 - ▶ **Statistics 12**
 - ▶ **AP Statistics 12**
 - ▶ **Computer Studies 12** (Combined with Computer Programming)





Math for post secondary options

-
- **Precalculus 11-** Required for most Science Programs
 - **Foundations of Math-** Acceptable for Arts and Humanities Programs
 - **Workplace Math-** Graduation Requirement, and entry to Langara and other colleges



- You'll need a Science 11 OR 12 to graduate. Some post-secondary programs need more.
- In Grade 12 we offer:
 - AP Biology 12 (Includes 2 courses: AP Bio 12 & Bio 12 Regular. You can't split them up)
 - Biology 12: Anatomy & Physiology (Can be taken with Chem or Bio 11)
 - Chemistry 12
 - Physics 12
- Please note: Students exploring science-based university programs generally need
Physics 11, Chemistry 11, and at least one (sometimes two) Grade 12 science
courses.



Social Studies 12

[Optional if Completed in Grade 11]

- Here are the current options:

- 20th Century World History 12
- African Decent History 12 (*Off-Timetable, locally developed course*)
- Asian Studies 12
- BC First Peoples 12 (*Meets Indigenous grad requirement*)
- Comparative Cultures 12
- Contemporary Indigenous Studies 12 (*Meets Indigenous grad requirement*)
- Economic Theory 12 (*Only offered in even years*)
- Law Studies 12
- Philosophy 12
- Political Studies 12 (*New course, offered in odd years*)
- Queer and Trans History 12(*Off-Timetable, locally developed course*)
- Social Justice 12



Language Courses



Language Courses:

- Language courses are optional for all university programs starting in 2026 or later across Canada (*exception of Quebec, where some have French requirements*).
- **A language Grade 12 makes for an excellent academic 12 course for university.**
- Some humanities-based UBC degrees have a requirement to take a second language in university, so previous knowledge can help.



Learning Hub Support block-



Learning Hub Support



Learning HUB Support Block

Provides: targeted support, help students build skills, work on their IEP goals and promote success in school.

Case Managers, Counsellors and Admin will determine which recommended students will receive a Learning HUB Support Block.

Parents will have to agree to this support block in lieu of an elective, please ask families to complete form.

Send completed forms through email/blue bag to Nick Van Iersel by Feb. 13.

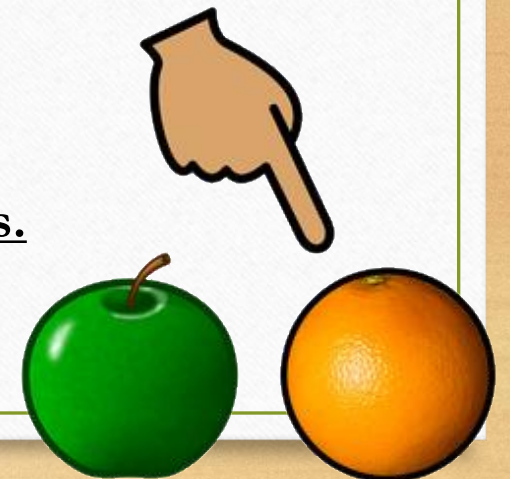
Learning Hub Support

- Students have access to various learning supports, from full-time enrollment in the Learning Hub's competency-based curriculum to "drop-in-as-needed" assistance for immediate help with courses.
- The Learning Hub has a team of teachers available to support students in every subject.
- Teachers are available throughout the day, providing targeted and individualized support tailored to each student's specific learning needs.



Electives!

- We are INCREDIBLY lucky in that Van Tech is a big school with keen teachers. We have a massive catalogue of courses, especially electives.
 - Use the course choices guide Ms. Ross is providing and ask as many questions as you like.
- Grade 12 Applied Skills & Fine Arts courses are usually combined with Grade 11s.
- Students DO NOT need to have taken a lower grade elective to do the higher level one.
Example: You can take Foods 11 without having taken Foods 9 or 10.
 - Exceptions: Accounting 12 (needs Accounting 11) and Art/AP Art 12 (needs Art 11)
- Students can receive credit in both years if they select a course area both years.
- Students can also sign up to be a “CS” with a teacher for a block.
- Students can meet with Ms. Ross to discuss being a Peer Tutor.



History of African Descent in BC 12

History of African Descent in BC 12 (Course Code YSSC-2A)

Course Highlights:

Explore Black culture, history, resilience, and achievements
Focus on African empires, West Indian dialects, Black art, and more
Dive into popular culture influences like Beyoncé, Maya Angelou, and AfroFuturism

What You'll Do:

Field trips, guest speakers, and project-based learning
Online discussions and seminars

Why Take It?

Centering Black Joy and Resilience
Engage in important conversations about history and culture



AD 12 Artwork by Lily Hayes
(Grad 2023, Vancouver Technical Secondary)

Hear more from students!

[Round Table Discussion with Wayde Compton](https://www.youtube.com/watch?v=Xsx4hZPmq5A)
(youtube.com)



[https://youtu.be/Xsx4hZPmq5A?si=N
Tc_UiRDD_ssdXOu](https://youtu.be/Xsx4hZPmq5A?si=N Tc_UiRDD_ssdXOu)



Queer & Trans History of BC 12 (Course Code YSSC-2B)

Course Highlights:

- Learn about the diverse history of 2SLGBTQIAP+ communities in BC
- Explore language, music, dance, and movements
- Focus on Queer and Trans joy, resilience, and achievements

What You'll Do:

- Participate in field trips, guest speakers, and project-based learning
- Engage in online dialoguing and seminars

Why Take It?

- Centering Trans and Queer Joy
- Gain a deeper understanding of historical movements and personal stories

More Information:

https://www.youtube.com/watch?v=OL_EJY-CmEg





New Courses this Year

First Peoples' Visual Art 12 -
YVPA-2F



Van Tech Secondary
2026/2027
COURSE
SELECTION
CALENDAR



FIRST
PEOPLES'
VISUAL
ART 12



Teacher: Ms. Rudolph

EXPLORE FIRST PEOPLES' WORLDVIEW
THROUGH ART, STORY, & TECHNIQUES

LEARN ABOUT YOUR OWN
CULTURES' HISTORY & MAKE ART



Off-Timetable Courses

- Van Tech has many Off-Timetable courses that happen before school, during lunch, or after school. Here is the list for your reference:
 - *African Decent History 12 (Elective Social Studies course; Wednesdays after school)*
 - *Chamber Choir 12 (Morning; audition required)*
 - *CLC 12 (Graduation requirement that can be done this way; likely once a week)*
 - *Concert Choir 12 (Lunch, no audition)*
 - *Leadership 11-12 (Twice a week, including a morning)*
 - *Mental Health Leadership 10-12 (Wednesdays after school)*
 - *Orchestra/Strings 12 (Tuesday/Thursday after school)*
 - *Peer Tutoring 12 (Off or On Timetable; Off timetable would be during FIT or Lunch)*
 - *Queer & Trans History of BC 12 (Elective Social Studies course; Mondays after school)*
 - *Retail Business 10-12 (New course! Thursday 7:30-8:30 and one lunch every two weeks)*
 - *Vocal Jazz 12 (Morning; audition required)*



Study Blocks!

- Grade 12s can ~~APPLY~~, with caregiver backing, for a study block.
 - This takes the place of one of your eight blocks.
 - You complete a form provided by Ms. Ross with your caregiver(s).
- Remember that many universities are asking for DEPTH of study, not just great marks, so students are encouraged to take a wide variety of courses.



How is my schedule shaping up?

Mainstream	French Immersion	Flex Humanities	LAC	Summit
English 12 <i>(Pick a flavour)</i>	English 12 <i>(Pick a flavour)</i>	English 12 <i>(Pick a flavour)</i>	LAC English & Socials 12	English 12 <i>(Pick a flavour)</i>
CLC 12 (On or off timetable)	CLC 12 (On or off timetable)	CLC 12 (On or off timetable)	CLC 12 (On or off timetable)	CLC 12 (As a cohort)
Elective class	Francais Langue 12	Philosophy 12 (As a cohort)	LAC Science 12	Elective class
Elective class	Elective class	Elective class	Elective class	Elective class
Elective class	Elective class	Elective class	Elective class	Elective class
Elective class	Elective class	Elective class	Elective class	Elective class
Elective class	Elective class	Elective class	Elective class	Elective class
Elective/study block	Elective/study block	Elective/study block	Elective/study block	Elective/study block
Off timetable courses?	Off timetable courses?	Off timetable courses?	Off timetable courses?	Off timetable courses?

Use the Course Choices list provided to pick all the courses you want!

Last Name	First Name	Student #	Current Grade → Next Grade
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Current Courses & Course Requests for Next Year

Current Courses	Mark or N/A	Course Requests
1.		1.
2.		2.
3.		3.
4.		4.
5.		5.
6.		6.
7.		7.
8.		8.
9.		9: [OTT]
10.		BACKUP 1
11.		BACKUP 2
12.		BACKUP 3:

If you are planning to take summer school, please indicate which course(s) you are intending to take below:

1. _____ 2. _____

Parents/Caregivers are asked to initial the following:

_____ I have looked at the Van Tech course planning guide with my student.

_____ I have considered post-secondary ramifications of my choices.

Any questions for the counsellor? _____

Students and families must sign declaring their interest in these courses, including backups if timetabled-

Student Signature: _____ Caregiver Signature: _____

Course Planning Form

- Write the courses you are currently in (Note if taking online)
- Write down your post secondary plans
- Include any summer school plans
- Choose Your elective choices appropriately
- Include 3 Alternatives *That you would be happy to take*

Course Changes!

- The ONLY reason to change a course will be-

1) You did not get any of your elective choices (Or alternates)



2) You require a course for university entrance or graduation (Ex: Choice of Math course)

- 3) You completed a course in Summer School and need an elective replacement



Summer School, Fails, & Getting Ahead

- Students may make up courses they haven't passed in summer school. Students can also use summer school to get ahead in certain courses.
 - Summer school applications open in early May.
 - Ms. Ross will post information about signing up when we're in April.
- Many students may choose to get AHEAD in their courses by taking a grade 12 course in summer school. Doing so means you can take an extra elective of your choice in the next school year.





SUMMER SCHOOL, FAILS, & GETTING AHEAD

-
- Summer School and Online Courses
 - You must complete your online courses by **AUGUST 26th**
 - Summer school and online completion marks come in the last week of August- Counsellors will be in to adjust timetables and enroll you in missing classes in place of an elective

Secondary Course List

Title	Type	Dept	Date
20th CENTURY WORLD HISTORY 12	Completion	Humanities	July 3 - August 2, 2024
ANATOMY AND PHYSIOLOGY 12	Completion	Science	
ASIAN STUDIES: 1850 - PRESENT 12	Completion	Humanities	
BA AFRICAN DESCENT HISTORY IN BC 12	Completion	Humanities	
BC FIRST PEOPLES 12	Completion	Humanities	
CHEMISTRY 11	Completion	Science	
CHEMISTRY 12	Completion	Science	
COMPOSITION / LITERARY STUDIES 10	Completion	Humanities	
COMPOSITION 11	Completion	Humanities	
CREATIVE WRITING / LITERARY STUDIES 10	Completion	Humanities	
CREATIVE WRITING 11	Completion	Humanities	
EFP LITERARY STUDIES AND WRITING 11	Completion	Humanities	
ENGLISH FIRST PEOPLES 12	Completion	Humanities	
ENGLISH STUDIES 12	Completion	Humanities	
EXPLORATIONS IN SOCIAL STUDIES 11	Completion	Humanities	
FOUNDATIONS OF MATH AND PRE-CALCULUS 10	Completion	Math	
FOUNDATIONS OF MATHEMATICS 11	Completion	Math	
FRENCH 10	Completion	Humanities	
FRENCH 11	Completion	Humanities	
LAW STUDIES 12	Completion	Humanities	
LIFE SCIENCES 11	Completion	Science	
LITERARY STUDIES 11	Completion	Humanities	
MANDARIN CHINESE 11	Completion	Humanities	
PHYSICAL AND HEALTH EDUCATION 10	Completion	Phys. Ed	
PHYSICS 11	Completion	Science	
PHYSICS 12	Completion	Science	
PRE-CALCULUS 11	Completion	Math	
PRE-CALCULUS 12	Completion	Math	
SCIENCE 10	Completion	Science	
SOCIAL JUSTICE 12	Completion	Humanities	
SOCIAL STUDIES 10	Completion	Humanities	
WORKPLACE MATHEMATICS 10	Completion	Math	
WORKPLACE MATHEMATICS 11	Completion	Math	
ENGLISH LANGUAGE ARTS 8	Preview	Humanities	July 3 - July 26, 2024
ENGLISH LANGUAGE ARTS 9	Preview	Humanities	
MATHEMATICS 8	Preview	Math	
MATHEMATICS 9	Preview	Math	
SCIENCE 8	Preview	Science	
SCIENCE 9	Preview	Science	
ENGLISH LANGUAGE ARTS 8	Review	Humanities	
ENGLISH LANGUAGE ARTS 9	Review	Humanities	
MATHEMATICS 8	Review	Math	
MATHEMATICS 9	Review	Math	
SCIENCE 8	Review	Science	
SCIENCE 9	Review	Science	
SOCIAL STUDIES 8	Review	Humanities	
SOCIAL STUDIES 9	Review	Humanities	
COMPOSITION / LITERARY STUDIES 10	Remedial	Humanities	
FOUNDATIONS OF MATH AND PRE-CALCULUS 10	Remedial	Math	
SCIENCE 10	Remedial	Science	
SOCIAL STUDIES 10	Remedial	Humanities	
WORKPLACE MATHEMATICS 10	Remedial	Math	
ELL READING AND WRITING (GRADES 8-12)	ELL	ELL	

Sample Summer School Class List (From 2024)



Your Family Needs to be Involved

- It's vital that you talk with your family about your course requests. That's why you need them to initial and sign your sheet before we lock in our courses.

If you are planning to take summer school, please indicate which course(s) you are intending to take

1. _____ 2. _____

Parent/guardians must initial the following:

_____ I have looked at the Van Tech course planning guide with my student.

_____ I have considered post-secondary ramifications, if appropriate.

Any questions for the counsellor? _____

Students and families must sign declaring their interest in these courses:

Student Signature: _____ Parent Signature: _____



Life After High School – Many Paths!

- **Trades Training** – See Ms. Ross if you don't already know about the Youth in Trades program that gets free first year apprenticeship schooling.
 - Lots more info here: <https://www.vsb.bc.ca/career-programs/page/11419/program-offerings>
 - Most programs have application deadlines of March 1st, 2025 (Grade 11).
- **College** – First-come-first-serve, smaller classes, pathways to university, and more.
- **University** – Degree-based programs. Pathways to Masters/Doctorate degrees.
- **Upgrading/Adult Education** – See Ms. Ross if you want to upgrade your marks after graduation.
- **Straight to Work** – Life is expensive. If you want to get money saved for more education, it's a great plan.
- **Gap Year** – Build some personal awareness, see the world, and 'defer' your post-secondary offer for a year.



Being Honest about UBC

UBC Vancouver Entering Program Averages for 2025

Degree Program Vancouver Campus	Mean Entering Average	Minimum Entering Average	Degree Program Vancouver Campus	Mean Entering Average	Minimum Entering Average
Pharmaceutical Sciences	95	89	Music	90	75
Engineering	97	95	International Economics	94	89
Commerce	95	85	Fine Arts	90	72
Kinesiology	94	85	Media Studies	91	71
Science	96	85	Design	95	91
Applied Biology	92	85	Arts	92	85
Food & Nutrition	91	85	Dental Hygiene	92	83
Urban Forestry	88	80	Indigenous Land Stewardship	82	74
Natural Resources	90	79	Food and Resource Economics	91	86

Mean entering ranges are approximate.

Where do my averages come from?

- Universities typically have point score methods to form averages
- Priority 1: Grade 12 courses Listed for your Required Major
- Example: UBC Science: English 12, Precalc 12, Science 12
- Priority 2: Other Grade 12 Academic Courses
- Priority 3: Grade 11 Courses *Where a Grade 12 mark does not exist*
- **Example: Pre-calc 11, superseded by Pre calc 12 Mark**
- **Will Blend averages depending on the school**



University Transfer Programs

- Over the last decade+ universities and colleges have started working together.
 - Universities have high drop out rates in year one and two and want to fill seats.
 - Colleges want to get more students by offering extensions to their diplomas.
- University transfer is the process of doing a year or two at a college and then transferring over for year and four.
- Advantages:
 - Cheaper tuition while in college.
 - Smaller class sizes for year one and two.
 - Softer landing leaving high school.
 - Better chance of getting in overall (compared to straight out of high school)





Post-Secondary, Scholarships, & Graduation Family Evening – Sept 2026

- In September of Grade 12, Ms. Ross and the wonderful VT staff will offer a big caregiver and student night that is strongly recommended to attend.
- There will be three major focuses:
 - Graduation – What's happening at Van Tech and when.
 - Post-secondary applications – Everything you need to
 - Scholarships – The three types and how to apply.
- Watch for a date at the beginning of September.





Getting Ahead: BC Student Transcripts

- Students share their official transcripts with post-secondaries they want to apply for throughout Grade 12.
- Students can get ahead of this process by making an account any time.
 - Just make sure you know your Personal Education Number (PEN).
 - Check a report card to see yours or ask Ms. Ross. It's a 9-digit number starting with 1.
 - Link: <https://www2.gov.bc.ca/gov/content/education-training/k-12/support/transcripts-and-certificates>
- Doing this early means you can see and look over your transcript early. It's rare, but it's always possible a mistake is on there.





Entering your course selections – Ms. Ross is here to help!

- To help ensure accurate information, all course entry will happen through Ms. Ross. This means students will not directly use the MyEd software.
- **Each student will drop off their course selection form to Ms. Ross at the required time.**
 - **Semester 1 students: Feb 5rd**
 - **Semester 2 students: Feb 19th**
- Not getting your form in on time means less chance of getting the classes you want.
- Want to make a change to your course choices? Email Ms. Ross or come on by her office.