

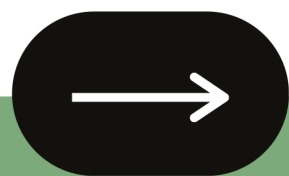
MANITOBA INSTITUTE OF  
TRADES & TECHNOLOGY



WELCOME TO  
**PTEC**  
**INFORMATION**  
**NIGHT**

# TEAM PTEC

How MITT and PTEC work together in  
**Grade 12**



# **Traditional Territories Acknowledgement Statement**

The Manitoba Institute of Trades and Technology acknowledges that it is situated on **Treaty 1 territory** and the traditional territory of Anishinaabeg, Cree, Dakota, and Dene Peoples, and the homeland of the Métis Nation

<https://www.youtube.com/watch?v=MhyKEtRG6Gk>

**Welcome to grade 12!**  
**You will be graduating in 2024**  
**and would be the last PTEC**  
**only grads!**

**Jared Enns**

Academic Coordinator - MITT

**Jane Bachart**

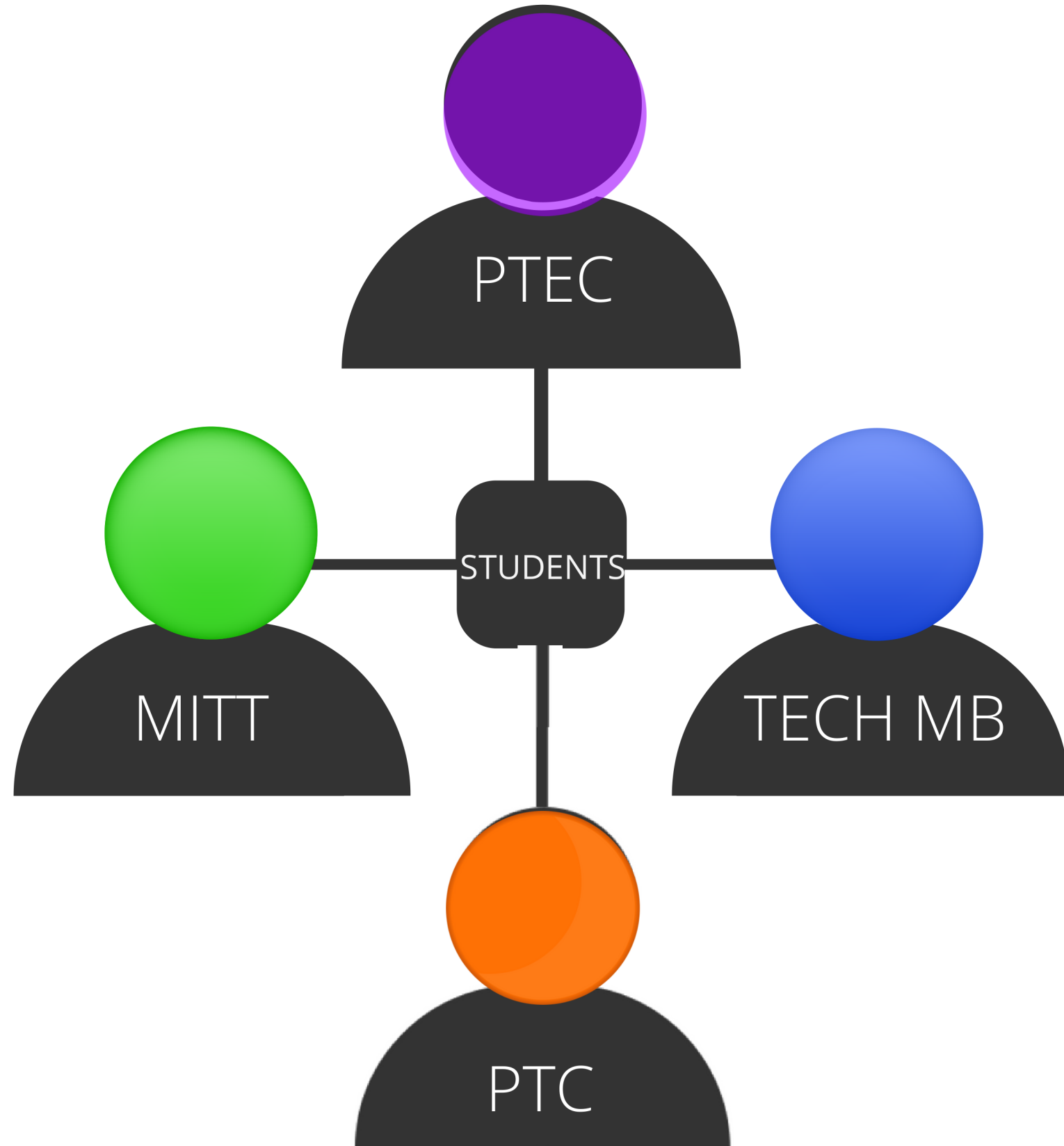
Principal - PTEC

**PTEC is an accelerated, highly technical school with a commitment to current, and industry-driven curriculum.**

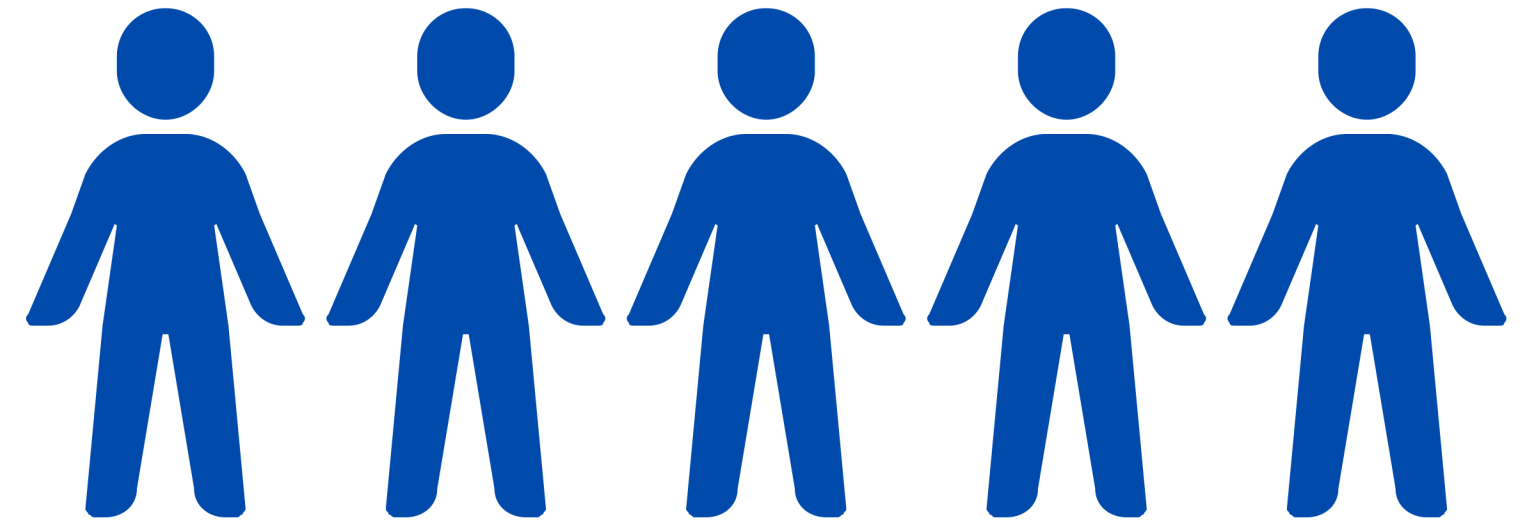
**We believe in quality outcomes, high expectations, and value hard work.**

**That is why we continue to be recognized by other school divisions across Canada, industry members, our government, and professionals for our exemplary work with students and our continued relationship with industry.**

# PARTNERS



# CONTACTS

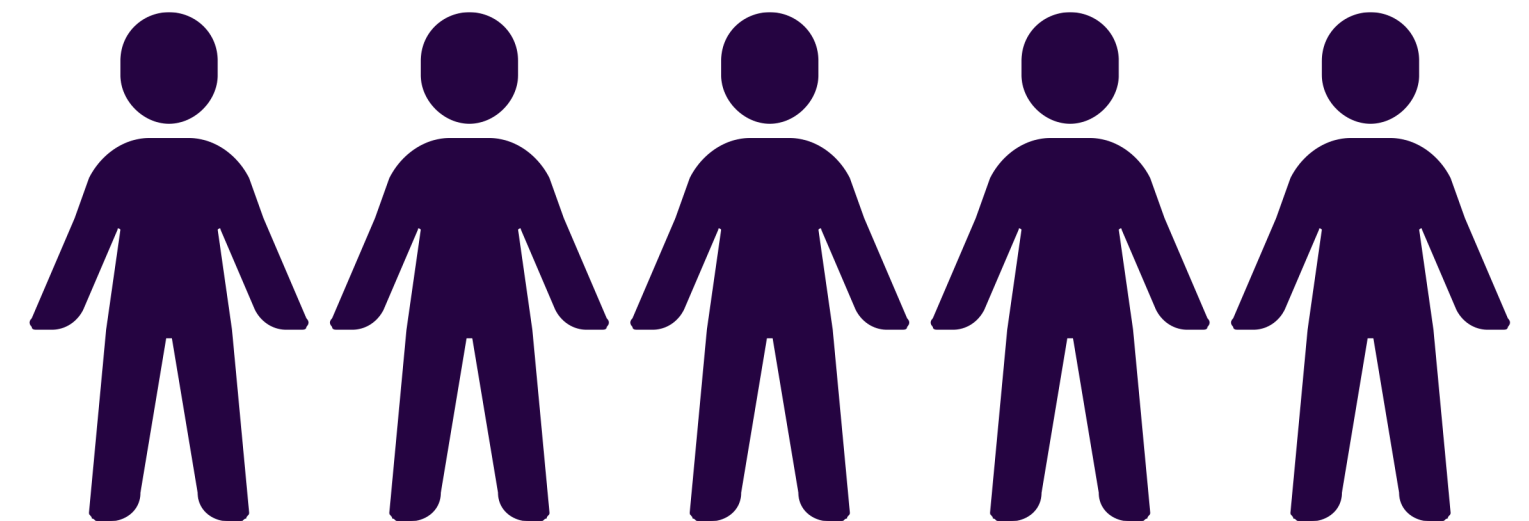


## MITT

Instructors  
Jared Enns  
Tarek Abdel-Aziz

## HHS

Jane Bachart  
HHS Counselor



# What does it mean to be a Grade 12 PTEC student?

## Expectations and realizations

### **You will be taking all of your compulsory courses at your host high school**

You will want to prepare for any type of post-secondary education that might take place after MITT.

Planning for entrance requirements for University or scholarships and courses is something that needs to be done now.

### **You are now a post-secondary student while you are still at high school**

Yes, things will be different. You now have the responsibility of being in post-secondary which means that there are different criteria, expectations, and realizations that will need to be adjusted in your life

### **Your ability to have multiple option courses including Sciences may not be possible.**

We work with the host high schools to attempt to get every course you need in the time slot that you need it in, but as you know, based on your host high school, teacher availability, course options, and time slots this may not be an option.

### **Internship**

#### *Software Developer*

Students will participate in an 7-week internship coordinated with TechMB in the summer following Grade 12

#### *Networking and Systems Administrator*

Students that have elected to graduate will complete an internship.

Students continuing will complete an internship at the end of their next year.

### **Graduation**

PTEC will have a graduation ceremony - Convocation and Dinner

Host high school will also have these two ceremonies

MITT has one convocation ceremony each year in June. Students will be invited to the ceremony in June following their grad (e.g., June 2024).





# Grad Committee Volunteers - 2023-24

**Graduation - email us at [jbachart@pembinatrails.ca](mailto:jbachart@pembinatrails.ca)**

- Fundraisers
  - Grad wear
  - Chocolate
  - Plants
- Convocation
- Dinner and Dance
- Grad Celebration



# Timetable

Planning your day





End of June



End of June



Third week of August



Third week of August

# TRANSPORTATION

OP and SH have access to divisional transportation TO and FROM MITT.

VM and FR have divisional transportation TO MITT.

Our students typically catch a city bus, ride their bike, car pool, or walk home





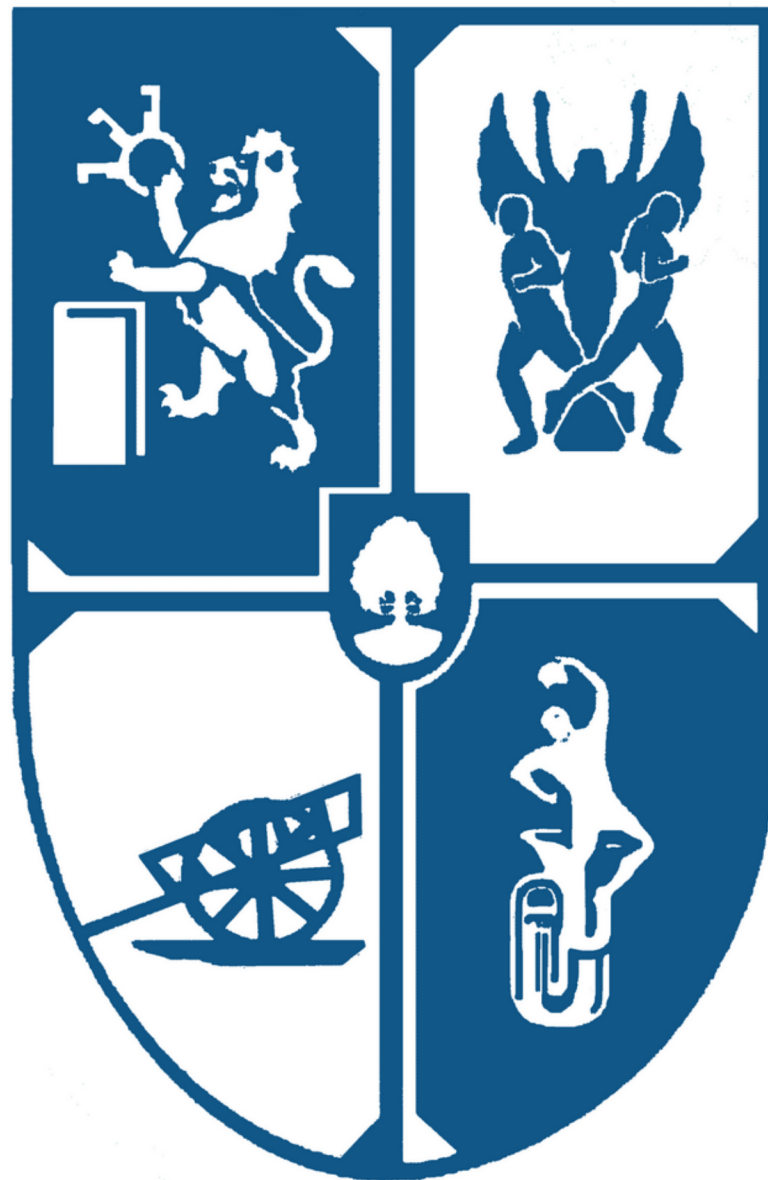
**AM** - Students can access divisional transportation at SH at 8:00 am to arrive at 8:20 am at MITT

**LUNCH** - students access to divisional transportation from MITT back to SH

**AFTER SCHOOL** - students find their own way home from SH

SH students

# Oak Park



**AM** - Students get to MITT by accessing divisional transportation from OP at 7:45 am, or driving

**LUNCH** - students access divisional transportation from MITT back to OP

**AFTER SCHOOL** - students find their own way home o

# OP students



**AM** – students get to MITT on their own

**LUNCH** – students access personal, city, or divisional transportation to arrive at VM by 12:10 pm

**AFTER SCHOOL** – students access their own transportation to get back home

**VM students**



**AM** – students find their own way to MITT for their morning classes.

**LUNCH** – students access personal, city, or divisional transportation to arrive at FR by 12:15 pm.

**AFTER SCHOOL** – students access their own transportation home

FR students



# Ms. Marie Hacault

Youth-Industry Engagement Program Manager  
Tech Manitoba

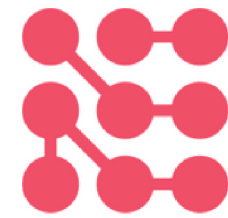


# build connections

Empowering Manitoba's  
Tech Sector



Marie Hacault  
Youth-Industry Engagement Program Manager  
Tech Manitoba



# build connections

Empowering Manitoba's  
Tech Sector



## Who we are:

- ❑ Tech Manitoba represents Manitoba's growing tech sector.
- ❑ We are an industry-led association that helps companies thrive and grow through collaboration, education, and promotion
- ❑ Tech Manitoba leverages 100 corporate members

**TECHMB** 

SOME OF OUR MEMBERS!

 CANADA  
COMPUTING

BUSINESS  
IT SOLUTIONS  
PROVIDER

**online**  
business systems



**UBISOFT**

canada  life™

 **CLEAR  
CONCEPTS**  
Managed IT <  
Cloud <  
Consulting <

 **EXCHANGE**  
TECHNOLOGY SERVICES

**COMPUGÉN**

 **FarmersEdge™**

 **KISIK**  
CLEAN ENERGY

 **COGMATION  
ROBOTICS**

**NTT DATA**

 **MANITOBA  
PUBLIC INSURANCE**

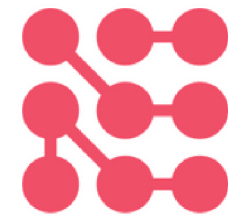
 **SKIP THE  
DISHES**

# Grade 12 Mentorship Program

- Interview Skills Workshop (both streams)
- Mock Interviews (both streams)
- Mock Technical Interviews (SD only)
- Code Review session (SD only)
- Day in the Life (network only)



Marie Hacault  
Youth–Industry Engagement Program Manager  
Tech Manitoba



# build connections

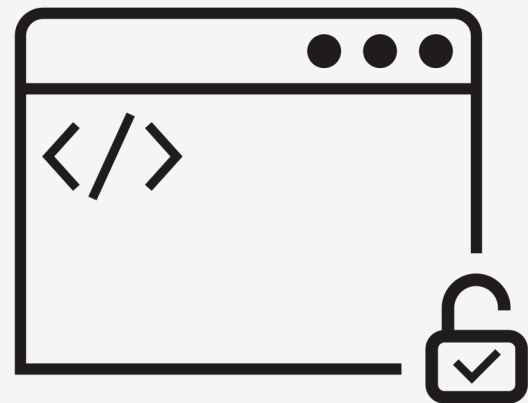
Empowering Manitoba's  
Tech Sector

# Mr. Jared Enns

Academic Coordinator - PTEC

Manitoba Institute of Trades and Technology





# Software Developer Stream

1. **Algorithms and Data Structures**
2. **Object-Oriented Programming Fundamentals**
3. **Introduction to LINQ and ASP.Net MVC**
4. **Rational Database Design**
5. **Advanced Database and ORM Concepts**
6. **Advanced Topics in C#**
7. **Introduction to Number Systems and Desktop Applications**
8. **Unit Testing in .Net**
9. **Software Engineering and Design Patterns**
10. **Personal Brand and Career Management**
11. **Communication and Presentations Skills**

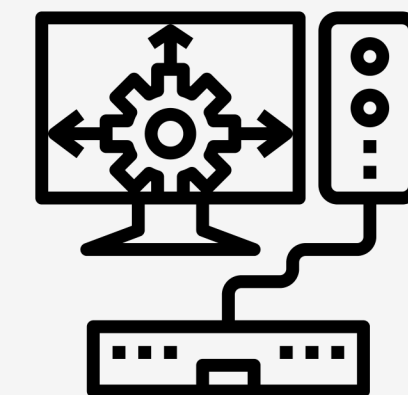
## Instructors:

**Chris MacDonald**

**Tavaré Tulloch**

**Jessica Watson**

1. **Windows Server Fundamentals**
2. **Azure Fundamentals**
3. **System Messaging Administration**
4. **Network Security**
5. **Network and Systems Administrator Capstone (Part 2)**



## NSA Stream

# Courses @ MITT

LEVEL  
UP

# PRACTICUM

- Partner with TechMB to find industry placements
- Summer after Grade 12\*
- 7 weeks, FT
- Post-Secondary Course



# Graduation



## High School

To graduate **high school**, students must meet the provincial requirements for grad. MITT **dual-credit courses** count towards the required credit.



## MITT

To graduate with an **MITT Credential**, students must:

- Complete all MITT program courses
- Complete the **practicum course**

Students in the **NSA Stream** have the option of registering in the **CDCA Post-Secondary program** at MITT the year after they graduate

# Policies and Procedures

Student Behaviour

Attendance Policy

Academic Integrity

## Academic Standards Policy.

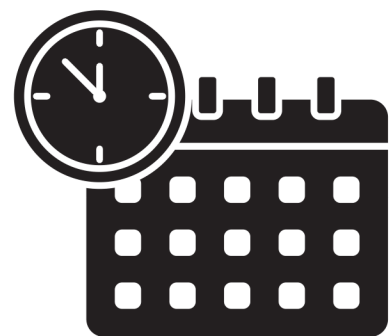
## Classroom Expectations

- Participate in Discussions.
- Learn from each other.
- Be willing to try new concepts
- Time Management
- Practice – Practice – Practice
- Have fun with the technology



# Pathways and Progression

- MITT is **program-based**
- Progression is **linear**
- Students must **successfully complete each course** to progress to the next and to *qualify for practicum*



# What are dual credits?

Post-secondary courses that students are enrolled in while they are attending high school.

Upon the successful completion of a **dual-credit** course, a student earns a **post-secondary credit** that also counts towards fulfilling the credit requirements for **high school graduation**.

The PS mark or % resides on the PS transcript. The high school transcript will show an 'S' for special credit.

# This is what you can expect to see on your high school transcript:

## Grade: 11

BIO30S - BIOLOGY 30S	0124(30S)	92	1.0
CH30S - CHEMISTRY 30S	0122(30S)	93	1.0
CS30SPT - COMPUTER SCIENCE (PTEC) 30SPT	0280(30S)	91	1.0
DCA35SPT - DATA ANALYSIS (PTEC) 35SPT	0235(35S)	100	0.5
HIS30F - HISTORY: CANADIAN 30F	0105(30F)	94	1.0
IM35SPT - INTERACTIVE MEDIA (PTEC) 35SPT	0237(35S)	91	0.5
INTAPI32CPT - INTRO TO THIRD-PARTY API (PTEC) 32CPT	4034(32C)	S	0.5
INTDEV32CPT - INTRO TO WEB DEVELOPMENT (PTEC) 32CPT	4031(32C)	S	0.5
IW35S - INTERACTIVE WEBSITE 35S	0225(35S)	86	0.5
JAVASB32CPT - JAVASCRIPT BASICS (PTEC) 32CPT	4032(32C)	S	1.0
MOD35SPT - 3-D MODELLING (PTEC) 35SPT	0236(35S)	91	0.5
OOJ32CPT - OBJECT ORIENTED JAVASCRIPT (PTEC) 32CPT	4033(32C)	S	0.5
PE30F - PHYSICAL EDUCATION/HEALTH 30F	0169(30F)	CO	1.0
RD35SPT - RATIONAL DATA (PTEC) 35SPT	0221(35S)	100	0.5
TECHWRI32CPT - TECHNICAL WRITING SKILLS (PTEC) 32CPT	4035(32C)	S	0.5
WD35S - WEB DESIGN 35S	0234(35S)	86	0.5

INTAPI32CPT - INTRO TO THIRD-PARTY API (PTEC) 32CPT	4034(32C)	S	0.5
INTDEV32CPT - INTRO TO WEB DEVELOPMENT (PTEC) 32CPT	4031(32C)	S	0.5

# This is what you can expect to see on your MITT progress reports:

5/14/2021

## STUDENT PROGRESS REPORT

Student Name:

Address:

Program Software Developer

Student ID:

FALL + SPRING

### GPA Grouping: Secondary 1

2020-2021 College : Manitoba Institute of Trades and Technology - Winnipeg, MB

Course	Course Name	Credits	Midterm	(%)	Final	(%)	Repeat
SD 100	Introduction to Web Development	1.00			A+	97	No
SD 105	Introduction to Third-Party API's	0.50				-	No
SD 110	Javascript Basics	1.00			A+	98	No
SD 120	Object Oriented Javascript	1.00			A+	100	No
SD 130	Tools and Automation	1.00				-	No
SD 160	Technical Writing Skills	1.00			A+	94	No
SD 260	Introduction to React	1.00				-	No
		<b>Attempted</b>	<b>Earned</b>	<b>GPA Hours</b>	<b>Grade Points</b>	<b>GPA</b>	
<b>Term :</b>		6.50	4.00	4.00	18.00	4.5	
<b>Cumulative :</b>		6.50	4.00	4.00	18.00	4.5	



# Transcripts + Post-Secondary

Graduating PTEC students have completed a **post-secondary program**



Admissions at other post-secondary institutions may:

- require **official MTT transcripts**
- admit students with **previous post-secondary education** via a different category, (e.g., Advanced Entry at UManitoba)

Transcripts:

- are sent to all students upon graduation
- may be ordered on-demand at any time via our website



# Class of 2024

Anyone want to be on the planning committee for  
PTEC graduation and celebration?

Email [ptec@pembinatrails.ca](mailto:ptec@pembinatrails.ca) or  
[jbachart@pembinatrails.ca](mailto:jbachart@pembinatrails.ca)

# Contact us

For inquiries and connecting

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