



ST.IGNATIUS OF LOYOLA  
CATHOLIC SECONDARY

# SPECIALIST HIGH SKILLS MAJOR

RECRUITMENT INFORMATION  
SESSION



QR LINK





## ABOUT SHSM

The Specialist High Skills Major (SHSM) is a specialized program approved by the Ministry of Education that allows students to focus their learning on a specific economic sector while meeting the requirements of the Ontario Secondary School Diploma (OSSD).

# BEFORE WE START

**EAR BUDS OUT**

**DEVICES AWAY**

**ACTIVE LISTENING**





## SHSM Overview in HCDSB



Share



# SECTORS AT LOYOLA

**BUSINESS | MR.DESTEFANO**

DestefanoN@hcdsb.org

**HEALTH & WELLNESS | MRS.HUMBY (MRS.COUTU)**

HumbyS@hcdsb.org

**INFORMATION & COMMUNICATION TECHNOLOGY | MRS.DAVIDSON**

DavidsonA@hcdsb.org

**NON-PROFIT EDUCATION | MR.D'SOUZA**

DSouzaD@hcdsb.org

**TRANSPORTATION & ROBOTICS | MR.PENDER**

PenderR@hcdsb.org



# SUPPORT TEAM



## **GUIDANCE MRS. SOTIROPOLOUS**

- Advise on pathway
- Choose your courses based on your Major Bundle earlier than later.
- D2L Student Services
- Submit applications to the Lead Teacher



## **CO-OPERATIVE EDUCATION MR. SEBBEN & MR. MAHLER**

- What does co-op look like at Loyola?
- How do I choose a placement?



# COMPONENTS OF SHSM

## EDUCATIONAL

**SUBJECT SPECIFIC  
COURSE**

**X4**

**CO-OP**

**X1**

**ENGLISH**

**X1**

**MATH**

**X1**

**ART/BUSINESS/SCIENCE\***

**X1**

## EXPERIENTIAL

**CPR + FIRST AID**

**WHMIS**

**REACH AHEAD**

**SPCE OR ICE WORKSHOP**

**EXPERIENTIAL LEARNING**

# REACH AHEAD

These experiences enable Grade 11 and 12 students to gain confidence in their ability to be successful, refine skills and work habits, and make informed choices about future careers and next steps. Reach ahead opportunities could include:



## **APPRENTICESHIP NETWORKING**

Visiting an approved apprenticeship delivery agent to investigate a program of interest related to your SHSM



## **PATHWAY ALUMNI CONNECTIONS**

Interviewing or speaking with a college or university student enrolled in a program of interest that is tied to your SHSM



## **CAMPUS VISITS**

Touring a number of college or university campus with a focus in post-secondary pathways that your SHSM correlates to



## **POST-SECONDARY FAIRS AND CAROUSELS**

Attending a conference, pathways fair, carousel, or workshop held by the sector



# BUSINESS

MR.DESTEFANO

Business Careers  
provides an  
opportunity to be  
versatile, broad,  
open, and adaptable  
in an ever-changing  
world.



**ACCOUNTING &  
FINANCE**



**ECONOMICS**



**MARKETING**



**ENTREPRENEURSHIP &  
BUSINESS LEADERSHIP/  
MANAGEMENT**



**INTERNATIONAL BUSINESS**



# BUSINESS TRAINING AND WORKSHOPS



**JUNIOR ACHIEVEMENT  
STOCK MARKET CHALLENGE**



**JA INVESTMENT STRATEGIES PROGRAM (ISP)**



**DECA CONFERENCES**



Through conferences and competitions, DECA instills professionalism and prepares youth to respond to authentic business cases and market demands. At the core of DECA are our competitive events sorted by clusters. There's a cluster perfect for each individual and an event to enhance their skills.

# **BUSINESS**

## **COURSE BUNDLE**



### **GRADE 11 COURSE OPTIONS**

**BAF 3M – Financial Accounting  
Fundamentals**

**CIE 3M – Introduction to Economics**

**BMI 3C – Marketing: Goods/ Services/  
Events**

**BDI 3C – Entrepreneurship**

**BTA 3O – ICT in a Business Environment**



### **GRADE 12 COURSE OPTIONS**

**BAT 4M – Financial Accounting  
Principles**

**CIA 4U – University Economics**

**IDC 4U – Personal Finance**

**BOH 4M – Business  
Leadership/Management**

**BBB 4M – International Business**

# HEALTH & WELLNESS

**MRS.HUMBY**

Careers in the field of health and wellness are focused on maintaining or improving the health, self-care and quality of life of individuals, communities and special populations through health and lifestyle habits, physical activity, stress reduction and the prevention and reversal of disease.



**HEALTH CARE & MEDICAL SERVICES**



**RECREATION & ATHLETICS**



**MENTAL HEALTH & COUNSELLING**



**NUTRITION, DIETETICS & NATUROPATHY**



**PHARMACEUTICAL SCIENCES**

# HEALTH & WELLNESS TRAINING AND WORKSHOPS



**HUMBER GAMES**



**McMaster KINESIOLOGY LAB**



**GANARASKA CAMPING TRIP**



**TORONTO RAPTORS GAME**



The Toronto Raptors Experience includes a Toronto Raptors Game as well as a presentation with a panel of representatives who work at the Maple Leaf Sports & Entertainment.



# HEALTH & WELLNESS COURSE BUNDLE



## GRADE 11 COURSE OPTIONS

**HSP3U/3C – Intro. To Anthro/Psych/Soc**

**SBI3U/3C – Biology**

**SCH3U – Chemistry**

**HPC3O – Raising Healthy Children**

**PAF3O (F/M) – Weight Training**

**PPL 3O – Phys. Ed**

**PAI3OS – Super Fit**

**TXJ3E – Cosmetology**



## GRADE 12 COURSE OPTIONS

**PAF4O (F/M) – Weight Training**

**PPL4O – Phys. Ed**

**PAI4OS – Super Fit**

**PAD4O – Outdoor Education**

**IDC4UL – Sports Leadership**

**PSK4U – Exercise Science**

**TXJ4E – Cosmetology**

**HHG4M – Human Growth & Development**

**HFA4U/4C – Health and Nutrition**

# **INFORMATION & COMMUNICATION TECHNOLOGY**

MRS.DAVIDSON

This is a program with practical skills and certifications in digital media, software development, and networking, as well as industry-relevant experience and pathways to post-secondary education or careers in the tech field.



**DIGITAL MEDIA &  
DESIGN**



**PROGRAM  
DEVELOPMENT**



**COMPUTER ENGINEERING  
& CODING**



**BRANDING &  
ADVERTISING**



**GAME, APP, & WEB  
DESIGN**

# INFORMATION & COMMUNICATION TRAINING AND WORKSHOPS



**SAMSUNG CANADA FIELD TRIP**



**TMU PACKAGE DESIGN SESSION**



**ONTARIO TECH UNIVERSITY MOBILE DESIGN LAB**



**DRONE BUILDING WORKSHOP**



In stage one, students get to learn, fly and build their drones, meanwhile in stage 2 students build and code the same drones for autonomous flight

# INFORMATION & COMMUNICATION TECHNOLOGY COURSE BUNDLE



## GRADE 11 COURSE OPTIONS

**AWQ3O: Photographic Design**

**TGP3M: Photography with DSLRs**

**TGV3M: Video Production**

**ICS3C/3U: Computer Science**

**TGJ3M: Communications Technology**

**TEJ3M: Computer Engineering**

**TGG3M: Print & Graphic Design (Yearbook)**

**TDP3M: Fashion and Textile Design**

**TDJ3O: Technological Design**



## GRADE 12 COURSE OPTIONS

**TGP4M: Photography with DSLRs**

**TGV4M: Video Production**

**ICS4C/4U: Computer Science**

**TGJ4M: Communications Technology**

**TEJ4M: Computer Engineering**

**TGG4M: Print & Graphic Design (Yearbook)**

**TDP4M: Fashion and Textile Design**

**TDJ4M: Technological Design**



# NON-PROFIT EDUCATION

**MR.D'SOUZA**

If you're interested in exploring how you can make positive changes in the community where you live and work. This program offers skills and experiences that are versatile and useful for any career field.



**EDUCATION**



**SOCIAL SCIENCE**



**LEGAL PRACTICES**



**JOURNALISM**



**NON-PROFIT  
ORGANIZATIONS**

# NON-PROFIT EDUCATION TRAINING AND WORKSHOPS



**CANADIAN CIVIL LIBERTIES ASSOCIATION**



**NATIONAL COUNCIL OF CANADIAN MUSLIMS**



**TORONTO ZOO**



**UTM Forensic Criminology**



UTM's Forensic Science program, the first of its kind in Canada, is designed to provide the student with an understanding of scientific analyses, theories, laboratory skills, applications, and field techniques — while allowing the student to emphasize one particular area in greater detail.

# NON-PROFIT EDUCATION COURSE BUNDLE



## GRADE 11 COURSE OPTIONS

- **HRF30/HRT3M – World Religions**
- **HSP3C/HSP3U – Anthro/Psych/Sociology**
- **HPC3O – Raising Healthy Children**
- **CLU3M – Law**
- **CHA3U – American History**
- **NBV3C – World Views & Aspirations**
- **FEF3U/FIF3U/FSF3U – Extended, Immersion and Core French**



## GRADE 12 COURSE OPTIONS

- **\*HSE4M – Social Justice & Equity (Religion Credit Equivalent)**
- **HHG4M – Human Growth & Development**
- **HHS4C – Individuals & Society**
- **HSB4U – Challenge & Change**
- **CLN4C/CLN4U – Law**
- **CHY4U – History**
- **BOH4M – Organizational Leadership**
- **IDC4U – Sports Leadership**
- **NDW4M – Contemporary Indigenous Issues**
- **FEF4U/FIF4U/FSF4U – Extended, Immersion and Core French**

# TRANSPORTATION & ROBOTICS

**MR.PENDER**

This SHSM program provides students with specialized knowledge and hands-on experience in the fields of transportation and robotics. Students will explore automotive technology, logistics, autonomous systems, robotics engineering, and automation.



**TRANSPORTATION  
TECHNOLOGY**



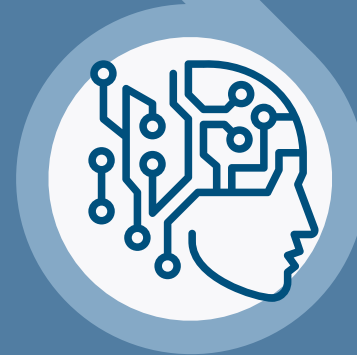
**AVIATION &  
AEROSPACE**



**TRANSPORTATION PLANNING  
& INFRASTRUCTURE**



**ROBOTIC ENGINEERING**



**ARTIFICIAL INTELLIGENCE  
& MACHINE LEARNING**



# TRANSPORTATION & ROBOTICS TRAINING AND WORKSHOPS



**EV DISCOVERY WORKSHOP**



**FIRST CANADA ROBOTICS**



**ONTARIO SKILLS COMPETITION**



**TORONTO AUTO SHOW**



A leader in lifestyle, technology and all things automotive, the Toronto Auto Show presents the latest cars, trucks, SUVs, concept cars, exotics, classics, muscle cars, electric vehicles, alternative fuel vehicles and autonomous vehicles.

# TRANSPORTATION & ROBOTICS COURSE BUNDLE



## GRADE 11 COURSE OPTIONS

**TTJ3O/3C – Transportation Technology**

**TWJ3E, TCJ3C/3E – Custom  
Woodworking/ Construction**

**TDJ3M1 – Technological Design**

**TEJ3M1 – Computer Engineering**

**ICS3C/3U – Introduction to Computer  
Studies/Sciences**

**BDI3C – Entrepreneurship**

**SPH3U – Physics**



## GRADE 12 COURSE OPTIONS

**TTJ4C/4E – Transportation Technology**

**TWJ4E, TCJ4E/4C – Custom  
Woodworking/Construction**

**TDJ4M – Technological Design**

**TEJ4M – Computer Engineering**

**ICS4C/4U – Computer Studies / Computer  
Science**

**IDC4U – Personal Finance**

**SPH4C/4U – Physics**



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# THANK YOU!



FALL 2024  
**QR LINK**

