

White Pines Collegiate and Vocational School

INFORMATION & COMMUNICATION TECHNOLOGY

Specialist High Skills Major

DESTINATION PATHWAY

**Information & Communication SHSM students may choose from the following pathways

Apprenticeship Training

College

University

Workplace

BUNDLED CREDITS								
	Apprenticeship		College		University		Workplace	
	Gr. 11	Gr. 12	Gr. 11	Gr. 12	Gr. 11	Gr. 12	Gr. 11	Gr. 12
MAJOR CREDITS	4		4		4		4	
ENGLISH	1		1		1		1	
MATH	1		1		1		1	
THE ARTS / BUSINESS / SCIENCE	1		1		1		1	
COOPERATIVE EDUCATION	2		2		2		2	

SENIOR INFORMATION & COMMUNICATION TECHNOLOGY MAJOR CREDITS

GRADE 11

ICS3C	TCJ3E
ICS3U	TDJ3M
IDC3O	TGJ3M
SPH3U	TGP3M
TCJ3C	TMJ3M

GRADE 12

ICS4C	TCJ4E
ICS4U	TDJ4M
SPH3C	TGJ4M
SPH4U	TGP4M
TCJ4C	TMJ4M
	IDC 4U*

SECTOR-RECOGNIZED CERTIFICATIONS / TRAINING COURSES & PROGRAMS			
COMPULSORY (3)			
Cardiopulmonary Resuscitation (CPR) Level C (including AED)	Standard First Aid	Workplace Hazardous Materials Information System (WHMIS)	
ELECTIVE (3)			
advanced training in a technique (e.g. game design, search engine optimization, coding, website design)	Basic electrical safety	CISCO networking	computer hardware
customer service	counterfeit detection	electronics - basic	elevated work platforms
ergonomics	fall protection	health and safety - basic	Innovation, Creativity and Entrepreneurship (ICE)
intellectual property	interfacing equipment	Internet security	ladder safety training
leadership skills	lighting and sound equipment maintenance	lockout/tagging	network cabling
network configuration	portfolio development	project management	recording equipment
sector-specific software 1	sector-specific software 2	specialized skills training program / competition	technical support
Working at Heights			

EXPERIENTIAL LEARNING / CAREER EXPLORATION
- one-on-one observation of a coop student at a coop placement - day long observation of a worker in this sector (job shadowing) - one or two week work experience in the sector - tour of various sector sites - attendance at a trade show, conference or job fair / attendance at a workshop provided by a sector vendor

REACH AHEAD EXPERIENCES
- Apprenticeship: visiting an approved apprenticeship delivery agent in the sector - College: interviewing a college student enrolled in a sector-specific program / taking a dual credit course related to the ICT sector - University: observing a university class - Workplace: interviewing an employee in the sector

SECTOR PARTNER CONTEXTUALIZED COMPONENT
Math / Coding / I.C.E. Training