

White Pines Collegiate and Vocational School

CONSTRUCTION

Specialist High Skills Major

Students are highly encouraged to take the WP HOUSEBUILDING or MOTIVE POWER PROGRAM as it meets the requirements for obtaining your SHSM in CONSTRUCTION.

DESTINATION PATHWAY

**Construction 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		
	*minimum of one Gr 11 and one Gr 12 credit		*minimum of one Gr 11 and one Gr 12 credit		*minimum of one Gr 11 and one Gr 12 credit		*minimum of one Gr 11 and one Gr 12 credit		
ENGLISH	1		1		1		1		
MATH	2		2		2		2		
BUSINESS STUDIES Or SCIENCE Or ADDITIONAL CO-OP	1		1		1		1		
COOPERATIVE EDUCATION	2		2		2		2		
SENIOR CONSTRUCTION MAJOR CREDITS					BUSINESS CREDITS				
GRADE 11		GRADE 12			GRADE 11		GRADE 12		
AVI 3M	SPH 3C	TCJ 4C/E	TTJ 4C		BAF 3M		BDV4CA		
TDJ3M	SPH 3U	TMJ 4C/E	TTJ 4E		BDI3CA				
TCJ 3C/E	TTJ 3C	TDJ 4M	AVI 4M						
TMJ 3C	TTJ 3E	TMW4E	CGW 4U						
	TMW 3E	SPH 4U	SPH 4C						
		IDC4U							
MATH CREDITS			ENGLISH CREDITS		SCIENCE				
GRADE 11	GRADE 12		GRADE 11	GRADE 12	GRADE 11	GRADE 12			
MBF 3C	MAP4C		ENG 3U	ENG 4U	SBI 3U	SBI 4U			
MCF 3M	MCT 4C		ENG 3C	ENG 4C	SBI3C	SCHU			
MCR 3U	MCV 4U		ENG 3E	ENG 4E	SCH3U	SCH4C			
MEL3E	MDM 4U			OLC 40	SPH3U	SPH4U			
	MHF 4U				SVN3E	SPH4C			
	MEL 4E				SVN3M	SVN4M			
						SNV4E			

SECTOR-RECOGNIZED CERTIFICATIONS / TRAINING COURSES & PROGRAMS

COMPULSORY (5)

Cardiopulmonary Resuscitation (CPR) Level C	Standard First Aid	Workplace Hazardous Materials Information System (WHMIS)	Health & Safety Basic	Working at Heights
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ELECTIVE (2)

basic electrical safety	Canadian Welding Bureau (CWB-flat)	chainsaw safety	computer-aided design and computer aided manufacturing (CAD/CAM)
confined space awareness	customer service	<i>elevated work platforms</i>	energy efficiency training
fire safety and fire extinguisher use	Innovation, Creativity and Entrepreneurship (ICE)	hoisting and rigging	<i>powder-actuated tools</i>
insulated concrete forming	land surveying basics	leadership skills	lockout/tagging
ozone-depletion prevention	portfolio development	project management	sector-specific vehicle operation and safety
propane in construction	scaffold safety	suspended access equipment	traffic control
trenching safety	specialized skills training program / competition (e.g. Skills Canada provincial level, WoodLINKS)		

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 Construction sector
- University: observing a university class
- Workplace: interviewing an employee in the sector

EXPERIENTIAL LEARNING / CAREER EXPLORATION

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

SECTOR PARTNER CONTEXTUALIZED COMPONENT

- Math / Coding / I.C.E. Training