SPECIALIST HIGH SKILLS MAJOR (SHSM)
-MANUFACTURING-
STUDENT TRACKING SHEET

This sheet is a guide to help the student ensure they have all the requirements to earn their SHSM Red Seal on their diploma. It is the student's responsibility to make sure everything is accurate on their credit counselling summary.

COURSE REQUIREMENTS:

MAJOR - Choose any **four** from the list below. At least **one** must be from Grade 11 and **one** from Grade 12.

GRADE 11
- ☐ HNC 3C - Understanding Fashion
- ☐ ICS 3C/3U - Computer Programming
- ☐ IDC 3O - Leadership
- ☐ SCH 3U - Chemistry
- ☐ SPH 3U - Physics
- ☐ TCJ 3E - Construction
- ☐ TDJ 3M - Tech Design
- ☐ TEJ 3E-3M - Computer Engineering
- ☐ TGJ 3M - Web Design
- ☐ TMJ 3E - Manufacturing
- ☐ TMW 3E - Welding
- ☐ TTA 3C - Automotive Technology
- ☐ TTJ 3C - Automotive Technology
- ☐ TWJ 3E - Woodworking

GRADE 12
- ☐ ICS 4C/4U - Computer Programming
- ☐ IDC 4O - Leadership
- ☐ MCV 4U - Calc & Vectors
- ☐ MHF 4U - Advanced Functions
- ☐ SCH 4C - Chemistry
- ☐ SCH 4U - Chemistry
- ☐ SPH 4U - Physics
- ☐ TCJ 4E - Construction
- ☐ TDJ 4M - Tech Design
- ☐ TEJ 4E/4M - Computer Engineering
- ☐ TMJ 4E - Manufacturing
- ☐ TMW 4E - Welding
- ☐ TMY 4C - College Welding Technology
- ☐ TTA 4C - Automotive Technology
- ☐ TTJ 4E - Automotive Technology
- ☐ TWJ 4E - Woodworking

ENGLISH - Choose **one** of:

- ☐ ENG 3E/C/UI - English
- ☐ ENG 4E/C/UI - English
- ☐ OLC 4O - Literacy Course

MATH - Choose **one** of:

- ☐ MBF 3C - Foundations for College Math
- ☐ MCF 3M - Functions & Applications
- ☐ MCR 3U - Functions
- ☐ MEL 3E - Math for Work & Everyday Life

- ☐ MAP 4C - Foundations for College Math
- ☐ MCV 4U - Calculus & Vectors
- ☐ MDM 4U - Data Management
- ☐ MEL 4E - Math for Work & Everyday Life
- ☐ MHF 4U - Advanced Functions

COOPERATIVE EDUCATION

- ☐ COOP2 - 2 Credit Coop

ADDITIONAL - Choose **one** from the list below. It must be one that was **not** counted above in the major credit list.

- ☐ BDI 3C - Entrepreneurship
- ☐ ICS 3C/3U - Intro. to Computer Programming
- ☐ SBI 3C/3U - Biology
- ☐ SCH 3U - Chemistry

- ☐ ICS 4C/4U - Computer Programming
- ☐ OLC 4O - Literacy Course
- ☐ SBI 4U - Biology
- ☐ SCH 4C/4U - Chemistry

- ☐ SPH 3U - Physics
- ☐ SVN 3E - Science
- ☐ SNC 4E/M - Science
- ☐ SPH 4U - Physics

CERTIFICATIONS:

REQUIRED - You must complete ALL **THREE** of these:
- ☐ Standard First Aid
- ☐ Level C - CPR
- ☐ WHMIS

OPTIONAL CERTIFICATES:

Below are the certifications available to earn at Cameron Heights. You need at least **THREE** optional certifications.

- ☐ Basic Electrical Safety
- ☐ Basic Safety Orientation (BSO Plus)
- ☐ Canadian Welding Bureau (CWB) - flat
- ☐ Computer Aided Design and Computer Aided Manufacturing (CAD/CAM)
- ☐ Confined Space Awareness
- ☐ Customer Service
- ☐ Elevated Work Platforms
- ☐ Fall Protection
- ☐ Fire Safety and Fire Extinguisher Use
- ☐ Handling Dangerous Substances
- ☐ Health and Safety - basic
- ☐ Hoisting and Rigging
- ☐ Innovation, Creativity and Entrepreneurship (ICE)
- ☐ Leadership Skills
- ☐ Lean Manufacturing
- ☐ Lockout/Tagging
- ☐ Personal Protective Equipment - Manufacturing
- ☐ Portfolio Development
- ☐ Project Management
- ☐ Propane Safety
- ☐ Safe Lifting
- ☐ Scaffold Safety
- ☐ Sector-Specific Vehicle Operation and Safety
- ☐ Sector-Specific Software 1
- ☐ Specialized Skills Training Program/Competition (e.g. Skills Canada provincial level)
- ☐ Transportation of Dangerous Goods
- ☐ Working at Heights

REACH AHEAD - You participate in at least **one** Reach Ahead (field trip) offered by SHSM.
(Examples of Reach Ahead activities offered: College Campus Visits or University Tours)
- ☐ Name and Date of Activity: _____

EXPERIENTIAL LEARNING - You must participate in at least **one** Experiential Learning (hands-on field trip) offered by SHSM.
(Examples of Reach Ahead activities offered: Wrapping & Taping Workshop, Raptors 905/TFC Career Expo)
- ☐ Name and Date of Activity: _____

SECTOR-PARTNERED EXPERIENCES (SPE's) - You must participate in at least **one** SPE offered by SHSM.
(Examples of Reach Ahead activities offered: Innovation, Creativity & Entrepreneurship (ICE))
- ☐ Name and Date of Activity: _____