



































Sample Bundles of Credits for the SHSM–Information and Communications Technology: Communications Systems Focus

- ♦ Shaded boxes – required credits in the bundle for the SHSM–Information and Communications Technology
- ♦  – compulsory credits for the OSSD
- ♦ The letters C, E, M, O, and U at the end of course codes indicate the following types of courses: C – college preparation; E – workplace preparation; M – university/college preparation; O – open; U – university preparation


Apprenticeship Training Pathway		College Pathway		University Pathway		Workplace Pathway	
Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit
ENG3C  English	ENG4C  English	ENG3C  English	ENG4C  English	ENG3U  English	ENG4U  English	ENG3E  English	ENG4E  English
MBF3C  Foundations for College Mathematics	MAP4C Foundations for College Mathematics	MBF3C  Foundations for College Mathematics	MAP4C Foundations for College Mathematics	MCR3U  Functions and Relations	MHF4U Advanced Functions	MEL3E  Mathematics for Work and Everyday Life	MEL4E Mathematics for Work and Everyday Life
BTA30 Information and Communication Technology: The Digital Environment	SPH4C Physics	AWQ3M Visual Arts – Photography	SPH4C Physics	SPH3U Physics	SPH4U Physics	BTA30 Information and Communication Technology: The Digital Environment	BTX4E Information and Communication Technology in the Workplace
ICT Major TEJ3E Computer Technology	ICT Major TEJ4E Computer Technology	ICT Major TEL3M Computer Engineering Technology: Electronics	ICT Major TEL4M Computer Engineering Technology: Electronics	ICT Major TEL3M Computer Engineering Technology: Electronics	ICT Major TEL4M Computer Engineering Technology: Electronics	ICT Major TEJ3E Computer Technology	ICT Major TEJ4E Computer Technology
ICT Major TET3E Computer Technology: Information Technology Support	ICT Major TET4E Computer Technology: Information Technology Support	ICT Major TEI3M Computer Engineering Technology: Interfacing	ICT Major TEI4M Computer Engineering Technology: Interfacing	ICT Major TEL3M Computer Engineering Technology: Electronics	ICT Major TEL4M Computer Engineering Technology: Electronics	ICT Major TET3E Computer Technology: Information Technology Support	ICT Major TDJ4O Technological Design or TET4E Computer Technology: Information Technology Support
May be used as a  Cooperative education (2 credits) related to the sector, in either Gr. 11 or Gr. 12		May be used as a  Cooperative education (2 credits) related to the sector, in either Gr. 11 or Gr. 12		May be used as a  Cooperative education (2 credits) related to the sector, in either Gr. 11 or Gr. 12		May be used as a  Cooperative education (2 credits) related to the sector, in either Gr. 11 or Gr. 12	
TGJ3O Communications Technology	BDV4C Entrepreneurship: Venture Planning in an Electronic Age	TGJ3M Communications Technology	BDV4C Entrepreneurship: Venture Planning in an Electronic Age	ICS3U Computer and Information Science	MCV4U Calculus and Vectors	TGJ3O Communications Technology	TGJ4O Communications Technology

















Sample Bundles of Credits for the SHSM–Information and Communications Technology: Computer Systems Focus

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Apprenticeship Training Pathway		College Pathway		University Pathway		Workplace Pathway	
Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit
ENG3E  English	ENG4E  English	ENG3C  English	ENG4C  English	ENG3U  English	ENG4U  English	ENG3E  English	ENG3E  English
MBF3C  Foundations for College Mathematics	MAP4C Foundations for College Mathematics	MCF3M  Functions and Applications	MCT4C Mathematics for College Technology	MCR3U  Functions and Relations	MHF4U Advanced Functions	MEL3E  Mathematics for Work and Everyday Life	MEL4E Mathematics for Work and Everyday Life
SVN3E Environmental Science	SPH4C Physics	BMI3C Marketing: Goods, Services, Events	SPH4C Physics	SPH3U Physics	SPH4U Physics	BTA30 Information and Communication Technology: The Digital Environment	BOG4E Business Leadership: Becoming a Manager
ICT Major ICS3C Introduction to Com- puter Programming	ICT Major ICS4C Computer Program- ming	ICT Major ICS3C Introduction to Com- puter Programming	ICT Major ICS4C Computer Program- ming	ICT Major ICS3U Introduction to Com- puter Science	ICT Major ICS4U Computer Science	ICT Major ICS3C Introduction to Com- puter Programming	ICT Major ICS4C Computer Program- ming
ICT Major TEJ3E Computer Technology	ICT Major TEJ4E Computer Technology	ICT Major TEJ3M Computer Engineering Technology	ICT Major TEJ4M Computer Engineering Technology	ICT Major TEJ3M Computer Engineering Technology	ICT Major TEJ4M Computer Engineering Technology	ICT Major TEJ3E Computer Technology	ICT Major TEJ4E Computer Technology
May be used as a  Cooperative education (2 credits) related to the sector, <i>in either Gr. 11 or Gr. 12</i>		May be used as a  Cooperative education (2 credits) related to the sector, <i>in either Gr. 11 or Gr. 12</i>		May be used as a  Cooperative education (2 credits) related to the sector, <i>in either Gr. 11 or Gr. 12</i>		May be used as a  Cooperative education (2 credits) related to the sector, <i>in either Gr. 11 or Gr. 12</i>	
BTA30 Information and Communication Technology: The Digital Environment	BDV4C Entrepreneurship: Venture Planning in an Electronic Age	BMI3C Marketing: Goods, Services, Events	BDV4C Entrepreneurship: Venture Planning in an Electronic Age	SCH3U Chemistry	MCV4U Calculus and Vectors	BMX3E Marketing: Retail and Services	BTX4E Information and Communication Technology in the Workplace

Sample Bundles of Credits for the SHSM–Information and Communications Technology: Software and Digital Media Focus

- ♦ Shaded boxes – required credits in the bundle for the SHSM–Information and Communications Technology
- ♦  – compulsory credits for the OSSD
- ♦ The letters C, E, M, O, and U at the end of course codes indicate the following types of courses: C – college preparation; E – workplace preparation; M – university/college preparation; O – open; U – university preparation

Apprenticeship Training Pathway		College Pathway		University Pathway		Workplace Pathway	
Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit	An optional or a compulsory credit
ENG3E  English	ENG4E  English	ENG4C  English	ENG4C  English	ENG4U  English	ENG4U  English	ENG4E  English	ENG4E  English
MBF3C  Foundations for College Mathematics	MAP4C Foundations for College Mathematics	MCF3M  Functions and Applications	MCT4C Mathematics for College Technology	MCR3U  Functions and Relations	MHF4U Advanced Functions	MEL3E  Mathematics for Work and Everyday Life	MEL4E Mathematics for Work and Everyday Life
AVI30 Visual Arts	BDV4C Entrepreneurship: Venture Planning in an Electronic Age	AWK3M Visual Arts – Illustration	SPH4C Physics	AWK3M Visual Arts – Illustration	MCV4U Calculus and Vectors	BTA30 Information and Communication Technology: The Digital Environment	BTX4E Information and Communication Technology in the Workplace
ICT Major TGJ30 Communications Technology	ICT Major TGJ40 Communications Technology	ICT Major TGJ3M Communications Technology	ICT Major TGJ4M Communications Technology	ICT Major TGJ3M Communications Technology	ICT Major TGJ4M Communications Technology	ICT Major TGJ30 Communications Technology	ICT Major TGJ40 Communications Technology: Digital Imagery and Web Design
ICT Major ICS3C Introduction to Computer Programming	ICT Major ICS4C Computer Programming	ICT Major TGV3M Communications Technology TV, Video and Movie Production	ICT Major TGI4M Communications Technology: Interactive New Media and Animation	ICT Major TGI3M Communications Technology: Interactive New Media and Animation	ICT Major TGI4M Communications Technology: Interactive New Media and Animation	ICT Major ASM30 Media Arts	ICT Major ASM4E Media Arts
May be used as a  Cooperative education (2 credits) related to the sector, in either Gr. 11 or Gr. 12		May be used as a  Cooperative education (2 credits) related to the sector, in either Gr. 11 or Gr. 12		May be used as a  Cooperative education (2 credits) related to the sector, in either Gr. 11 or Gr. 12		May be used as a  Cooperative education (2 credits) related to the sector, in either Gr. 11 or Gr. 12	
BTA30 Information and Communication Technology: The Digital Environment or BMI3C Marketing: Goods, Services, Events	BTX4E Information and Communication Technology in the Workplace	BMI3C Marketing: Goods, Services, Events	AWK4M Visual Arts – Illustration or BDV4C Entrepreneurship: Venture Planning in an Electronic Age	SPH3U Physics	SPH4U Physics	BMX3E Marketing: Retail and Services or AVI30 Visual Arts	BOG4E Business Leadership: Becoming a Manager