

Program of Study Report

Term Code: 202243

Program: All

Division: FQ

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AI Analysis, Design & Impl WT (AIDW)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
AIDW-SEM1							
STUDIES IN ARTIFICIAL INTELLIGENCE		AIDI 1000			2	0	1
VISUALISATION AND DATA STORYTELLING		AIDI 1001			1	2	
AI ALGORITHMS I		AIDI 1002			2	2	
CAPSTONE TERM I		AIDI 1003			1	3	
INTRODUCTION TO AI DEVELOPMENT		AIDI 1100			2	2	
APPLIED MATHEMATICS FOR AI SYSTEMS		MATH 1111			3	0	
					11	9	1
AIDW-SEM2							
APPLIED MACHINE LEARNING AND ADVANCED AI SYSTEMS		AIDI 2000	AIDI 1002, AIDI 1100, MATH 1111		2	2	
KNOWLEDGE AND EXPERT SYSTEMS		AIDI 2001	AIDI 1000, AIDI 1100		2	1	
CAREERS AND DIGITAL PORTFOLIO		AIDI 2002			2	0	1
CONSULTING AND PROFESSIONAL COMMUNICATIONS		AIDI 2003	AIDI 1001		2	0	1
AI IN ENTERPRISE SYSTEMS		AIDI 2004	AIDI 1000, AIDI 1100		2	2	
CAPSTONE TERM II		AIDI 2005	AIDI 1003		4	0	
Work Term 1	COOP	AIDW 1000	SPEC 0000		0	0	420
					14	5	422

AI Analysis, Design and Implmn (AIDI)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
AIDI-SEM1						
STUDIES IN ARTIFICIAL INTELLIGENCE	AIDI 1000			2	0	1
VISUALISATION AND DATA STORYTELLING	AIDI 1001			1	2	
AI ALGORITHMS I	AIDI 1002			2	2	
CAPSTONE TERM I	AIDI 1003			1	3	
INTRODUCTION TO AI DEVELOPMENT	AIDI 1100			2	2	
APPLIED MATHEMATICS FOR AI SYSTEMS	MATH 1111			3	0	
				11	9	1
AIDI-SEM2						
APPLIED MACHINE LEARNING AND ADVANCED AI SYSTEMS	AIDI 2000	AIDI 1002, AIDI 1100, MATH 1111		2	2	
KNOWLEDGE AND EXPERT SYSTEMS	AIDI 2001	AIDI 1000, AIDI 1100		2	1	
CAREERS AND DIGITAL PORTFOLIO	AIDI 2002			2	0	1
CONSULTING AND PROFESSIONAL COMMUNICATIONS	AIDI 2003	AIDI 1001		2	0	1
AI IN ENTERPRISE SYSTEMS	AIDI 2004	AIDI 1000, AIDI 1100		2	2	
CAPSTONE TERM II	AIDI 2005	AIDI 1003		4	0	
				14	5	2

AI Anlys, Degn, and Implm Flex (AIFL)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
AIFL-SEM1						
STUDIES IN ARTIFICIAL INTELLIGENCE	AIDI 1000			2	0	1
VISUALISATION AND DATA STORYTELLING	AIDI 1001			1	2	
AI ALGORITHMS I	AIDI 1002			2	2	
CAPSTONE TERM I	AIDI 1003			1	3	
INTRODUCTION TO AI DEVELOPMENT	AIDI 1100			2	2	
APPLIED MATHEMATICS FOR AI SYSTEMS	MATH 1111			3	0	
				11	9	1
AIFL-SEM2						
APPLIED MACHINE LEARNING AND ADVANCED AI SYSTEMS	AIDI 2000	AIDI 1002, AIDI 1100, MATH 1111		2	2	
KNOWLEDGE AND EXPERT SYSTEMS	AIDI 2001	AIDI 1000, AIDI 1100		2	1	
CAREERS AND DIGITAL PORTFOLIO	AIDI 2002			2	0	1
CONSULTING AND PROFESSIONAL COMMUNICATIONS	AIDI 2003	AIDI 1001		2	0	1
AI IN ENTERPRISE SYSTEMS	AIDI 2004	AIDI 1000, AIDI 1100		2	2	
CAPSTONE TERM II	AIDI 2005	AIDI 1003		4	0	
				14	5	2

Architecture Technology (ARHY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ARHY-SEM1							
ARCHITECTURAL CAD I		ATAC 1132			0	3	
ARCHITECTURAL DRAFTING AND DETAILING I		ATAD 1131			0	5	
CONSTRUCTION MATERIAL AND PROCESSES I		ATCM 1133			2	1	
ONTARIO BUILDING CODE AND OCCUPATIONAL HEALTH AND SAFETY ACT		ATOB 4135			2	0	1
HISTORY OF ARCHITECTURE		HIST 1130			3	0	
MATHEMATICS FOR ARCHITECTURE		MATH 1161			4	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					13	9	2
ARHY-SEM2							
ARCHITECTURAL CAD II		ATAC 2132	ATAC 1132, ATAD 1131		0	3	
ARCHITECTURAL DRAFTING AND DETAILING II		ATAD 2131	ATAC 1132, ATAD 1131		0	5	
APPLIED MATHEMATICS FOR ARCHITECTURE		ATAM 2135	MATH 1161		3	0	
CONSTRUCTION MATERIALS AND PROCESSES II		ATCM 3133	ATCM 1133, ATOB 4135		2	1	
BUILDING AS A SYSTEM AND BUILDING SCIENCE		BULD 1000			2	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					10	11	

Architecture Technology (ARHY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ARHY-SEM3							
ARCHITECTURAL DRAFTING AND DETAILING III		ATAD 3131	ATAD 2131		0	6	
BUILDING INFORMATION MODELLING I		ATBI 3135	ATAC 2132, ATAD 2131	ATBS 2134	1	3	
BUILDING SERVICES AND ENVIRONMENTAL SYSTEMS		ATBS 2134	BULD 1000		4	0	
CONSTRUCTION MATERIALS AND PROCESSES III		ATCM 4134	ATCM 3133		2	1	
Project Estimating		ATPE 3132	ATAM 2135		3	0	
STRUCTURES I		ATST 2133	ATAM 2135, ATOB 4135		3	0	
General Elective Credit	OPT1	GNED 0000			3	0	
					16	10	
ARHY-SEM4							
ARCHITECTURAL DRAFTING AND DETAILING IV		ATAD 4133	ATAD 3131		0	5	
BUILDING INFORMATION MODELLING II		ATBI 4132	ATBI 3135		0	3	
LAND USE AND SITE ANALYSIS AND PLANNING		ATLU 3136	ATBS 2134, ATCM 1133		3	0	
STRUCTURES II		ATST 3134	ATST 2133		3	0	
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
Modern Architecture: History and Theory		HIST 2600			3	0	
General Elective Credit	OPT1	GNED 0000			3	0	
					14	8	1

Architecture Technology (ARHY)

Weekly
Breakdown

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ARHY-SEM5							
ARCHITECTURAL PROJECT I		ATAP 5131	ATAD 4133, ATCM 4134		2	0	6
BUILDING INFORMATION MODELLING III		ATBI 6134	ATBI 4132		0	4	
PRINCIPLES OF PROJECT MANAGEMENT		ATPP 5133	ATPE 3132		2	0	
PRESERVATION, REHABILITATION AND RESTORATION OF HERITAGE BUILDINGS		ATPR 5132	ATCM 4134		2	0	
WRITING CONSTRUCTION SPECS		ATWC 5134	ATCM 4134, TECH 1130		3	0	
DESIGN CONCEPTS FOR SUSTAINABLE BUILDING 1		EMDC 3000	ATCM 4134		3	0	
FIELD PLACEMENT		PLAC 1100			0	0	80
					12	4	86
ARHY-SEM6							
ARCHITECTURAL PROJECT II		ATAP 6133	ATAP 5131		2	0	6
ADMINISTRATION OF CONSTRUCTION CONTRACTS		ATCC 6132	ATOB 4135		2	0	
DESIGN OPTIONS EVALUATION		ATDO 6131	ATAP 5131		3	0	
DESIGN CONCEPTS FOR SUSTAINABLE BUILDING II		EMDC 5010	EMDC 3000		3	0	
FIELD PLACEMENT		PLAC 1100			0	0	80
PRESENTATION AND PORTFOLIO DEVELOPMENT		PORT 5304		ATAP 6133	2	0	
					12	0	86

Biomedical Eng Technology (BMTY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
BMTY-SEM1						
ANATOMY AND PHYSIOLOGY	BIOL 1507			3	0	
INTRODUCTION TO BIOMEDICAL ENGINEERING TECHNOLOGY	BMET 1100			3	0	
DIGITAL FUNDAMENTALS	DGFN 1131			2	2	
ELECTRICITY I	ELEC 1131			3	2	
MATHEMATICS FOR TECHNOLOGY I	MATH 1131			4	0	
PHYSICAL SCIENCE BIOMED TECHNOLOGY	PHYS 1132			3	0	
				18	4	
BMTY-SEM2						
BIOMEDICAL TERMS AND DEVICES I	BMDV 4131	BIOL 1507		2	2	
ELECTRONIC CIRCUITS I	CIRE 1131	ELEC 1131		2	2	
DIGITAL FUNDAMENTALS II	DGFN 2131	DGFN 1131		2	2	
ELECTRICITY II	ELEC 2131	ELEC 1131		2	2	
MATHEMATICS FOR TECHNOLOGY II	MATH 2131	STEM 1131		4	0	
PROGRAMMING FOR BIOMEDICAL TECHNOLOGY	PROG 1331			0	2	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY	TECH 1130			2	0	1
				14	10	1

Biomedical Eng Technology (BMTY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
BMTY-SEM3							
BIOMEDICAL TERMS & DEVICES II		BMDV 5131	BMDV 4131		2	2	
ELECTRONIC CIRCUITS II		CIRE 2132	CIRE 1131		3	2	
COMPUTERS AND NETWORKING I		COMP 4131			2	2	
ELECTRONIC DESIGN AUTOMATION FOR BIOMEDICAL		EDA 3100			0	3	
MICROPROCESSORS I		MPRO 1131	DGFN 2131		1	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					11	11	
BMTY-SEM4							
BIOMEDICAL TERMS & DEVICES III		BMDV 6131	BMDV 5131		2	2	
ELECTRICAL CONTROLS FOR BIOMEDICAL TECHNOLOGY		BMEC 5100	ELEC 2131		2	2	
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
ELECTRONIC CIRCUITS III		CIRE 3132	CIRE 2132		2	2	
COMPUTERS & NETWORKING II		COMP 6131	COMP 4131		2	2	
					10	8	1
BMTY-SEM5							
DIALYSIS I		BMDL 5131	BIOL 1507, BMDV 4131		2	2	
BIOMEDICAL TECHNOLOGY MANAGEMENT		BMGM 5131	BMDV 5131		2	0	
BIOMEDICAL INSTRUMENTATION I		BMIN 5131	CIRE 3132, DGFN 2131		2	3	
MEDICAL IMAGING SYSTEMS I		BMIS 5131	CIRE 3132		2	2	
SAFETY STANDARDS & RISK MGMT		BMSS 6131	BMDV 5131		2	0	
General Elective Credit	OPT1	GNED 0000			3	0	
					13	7	

Biomedical Eng Technology (BMTY)

Weekly
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BMTY-SEM6							
CUSTOMER CARE & SERVICE		BMCS 6131	BMDV 5131		2	0	
DIALYSIS II		BMDL 6131	BMDL 5131		2	2	
BIOMEDICAL INSTRUMENTATION II		BMIN 6131	BMIN 5131		2	3	
MEDICAL IMAGING SYSTEMS II		BMIS 6131	BMIS 5131		2	2	
SAFETY STANDARDS/RISK MGMT II		BMSS 7131	BMSS 6131		2	0	
FIELD PLACEMENT & REPORT		FWBM 6131	BMDV 6131, BMIN 5131, BMSS 6131	BMCS 6131	0	0	200
General Elective Credit	OPT1	GNED 0000			3	0	
					13	7	200

Biotechnology - Adv Fast Track (BTYF)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
BTYF-SEM1							
Introductory Microbiology		BIOL 2100	BIOL 1131		2	2	1
PROTEIN TECHNIQUES		BIOT 4133	BIOC 3131, BIOT 1131		1	4	
CELL BIOLOGY		BIOT 5131	BIOT 3131		2	2	
Fundamentals of Analytical and Organic Chemistry Spectroscopy 1		CHEM 1133		CHEM 3105	0	0	1
		CHEM 3105	CHEM 2206		2	2	
Chromatography 1		CHEM 3106	CHEM 2206		2	2	
					9	12	2
BTYF-SEM2							
DNA TECHNIQUES		BIOT 3131	BIOL 2100, BIOT 1131	BIOC 4131	1	4	
BIO-REGULATIONS		BIOT 4131		BIOT 6131	2	0	
BIO-PROCESSING		BIOT 6131	BIOT 4133		1	3	
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3106		2	2	
PHARMACEUTICAL MICROBIOLOGY		MICR 2134	MICR 2133		1	2	1
PHARMACEUTICS		PHRM 3131	CHEM 3131		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
					11	15	81

Biotechnology - Advanced (BITY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
BITY-SEM1							
Biology		BIOL 1131			2	2	
Chemistry 1		CHEM 1131		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
Communication Foundations		COMM 1100			2	0	1
Mathematics		MATH 1132			3	0	
FNMI Elective	OPT1	FNMI 0000			3	0	
					14	7	1
BITY-SEM2							
INTRODUCTION TO BIOTECHNOLOGY		BIOT 1131	BIOL 1131		3	0	
Organic Chemistry 1		CHEM 1202	TECH 1131		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
General Elective Credit		GNED 0000			3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
					14	5	
BITY-SEM3							
BIOCHEMISTRY I		BIOC 3131	BIOL 1131, CHEM 1202, CHEM 2131		2	3	
Introductory Microbiology		BIOL 2100	BIOL 1131		2	2	1
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
General Elective Credit		GNED 0000			3	0	
					11	8	2

Biotechnology - Advanced (BITY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
BITY-SEM4							
BIOCHEMISTRY II		BIOC 4131	BIOC 3131		2	3	
Food Microbiology		BIOL 2205	MICR 1131		2	2	1
DNA TECHNIQUES		BIOT 3131	BIOL 2100, BIOT 1131	BIOC 4131	1	4	
Analytical Instrumentation		CHEM 2206	CHEM 1202		2	2	
Analytical Chemistry 2		CHEM 4131	CHEM 3131		2	3	
					9	14	1
BITY-SEM5							
Diagnostic Microbiology		BIOL 3105	BIOL 2205		2	2	1
PROTEIN TECHNIQUES		BIOT 4133	BIOC 3131, BIOT 1131		1	4	
CELL BIOLOGY		BIOT 5131	BIOT 3131		2	2	
Spectroscopy 1		CHEM 3105	CHEM 2206		2	2	
Chromatography 1		CHEM 3106	CHEM 2206		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
					9	12	81
BITY-SEM6							
Industrial Microbiology		BIOL 3201	BIOL 3105		2	2	1
Bio-regulations		BIOT 4131		BIOT 6131	3	0	
Quality Control & Quality Assurance for Biotechnologists		BIOT 5132	BIOT 1131, MATH 2132	BIOT 4131	3	0	
BIO-PROCESSING		BIOT 6131	BIOT 4133		1	3	
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3106		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
					13	9	81

Chemical Engineering Tech (CHEM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CHEM-SEM1							
Chemistry 1		CHEM 1131		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
General Elective Credit		GNED 1000			3	0	
MATHEMATICS FOR TECHNOLOGY I		MATH 1131			4	0	
PHYSICAL SCIENCE		PHYS 1131			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					16	5	1
CHEM-SEM2							
Organic Chemistry 1		CHEM 1202	TECH 1131		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1132		2	2	
General Elective Credit		GNED 0000			3	0	
MATHEMATICS FOR TECHNOLOGY II		MATH 2131	STEM 1131		4	0	
APPLIED MECHANICS		MECH 2103	PHYS 1131, STEM 1131		3	0	
					17	7	
CHEM-SEM3							
Organic Chemistry 2		CHEM 2106	CHEM 1202, CHEM 2131		2	3	
Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
FLUID MECHANICS		FLUD 4131	MECH 2103		3	0	
CALCULUS		MATH 3132	MATH 2131		4	0	
PHYSICAL CHEMISTRY		PHYC 3100	CHEM 2131		2	2	
Statistics for Science		STAT 2201	MATH 2132		0	2	1
					13	10	1

Chemical Engineering Tech (CHEM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CHEM-SEM4							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
Analytical Chemistry 2		CHEM 4131	CHEM 3131		2	3	
INDUSTRIAL CHEMISTRY		INDC 4100	PHYC 3100		2	2	
ANALYTICAL INSTRUMENTATION		INST 2134	CHEM 2131, MATH 2132, ORGN 1131		2	2	
Environmental Regulations		LAWW 2200			3	0	
THERMODYNAMICS		THER 1101	FLUD 4131, MATH 3132		3	0	
					14	7	1
CHEM-SEM5							
APPLIED AUTOCAD		ACAD 1101			0	3	
Spectroscopy 1		CHEM 3105	CHEM 2206		2	2	
Chromatography 1		CHEM 3106	CHEM 2206		2	2	
MATERIALS		MATL 1000	INDC 4100		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
INDUSTRIAL WASTE		WAST 3131			3	0	
					9	9	80
CHEM-SEM6							
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3106		2	2	
General Elective Credit		GNED 0000			3	0	
INDUSTRIAL CHEMICAL PROCESSES		INDC 6100	MATL 1000		3	2	
NUCLEAR PHYSICS		NUCL 5100	CHEM 2131, MATH 2131		3	0	
FIELD PLACEMENT		PLAC 1100			0	0	80
					13	6	80

Chemical Lab Technology (CHLT)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CHLT-SEM1							
Biology		BIOL 1131			2	2	
Chemistry 1		CHEM 1131		CHEM 1200	3	3	
Mathematics		MATH 1132			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
ANALYTICAL TECHNIQUES		TECH 1131			1	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					14	7	1
CHLT-SEM2							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
FOOD & PHARMACEUTICAL SCIENCE		FPPS 1131	BIOL 1131		3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
ORGANIC CHEMISTRY I		ORGN 1131	CHEM 1131, TECH 1131		3	2	
					13	5	1
CHLT-SEM3							
BIOCHEMISTRY I		BIOC 3131	BIOL 1131, CHEM 1202, CHEM 2131		2	3	
Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
FOOD AND DRUG LAWS REGULATIONS		FDLR 1131			3	0	
INTRODUCTORY MICROBIOLOGY		MICR 1131	BIOL 1131		2	2	1
ORGANIC CHEMISTRY II		ORGN 2131	ORGN 1131, TECH 1131		2	3	
STATS FOR SCIENCE		STSC 3132	MATH 2132		0	2	1
					11	13	2

Chemical Lab Technology (CHLT)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CHLT-SEM4							
BIOCHEMISTRY II		BIOC 4131	BIOC 3131		2	3	
Analytical Chemistry 2		CHEM 4131	CHEM 3131		2	3	
ANALYTICAL INSTRUMENTATION		INST 2134	CHEM 2131, MATH 2132, ORGN 1131		2	2	
FOOD MICROBIOLOGY		MICR 2131	BIOL 2100		2	2	1
PHARMACEUTICS		PHRM 3131	CHEM 3131		2	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					13	12	1
CHLT-SEM5							
General Elective Credit		GNED 0000			3	0	
SPECTROSCOPY I		INST 5131	CHEM 3131, INST 2134		2	2	
CHROMATOGRAPHY I		INST 5132	CHEM 3131, INST 2134		2	2	
DIAGNOSTIC MICROBIOLOGY		MICR 2133	MICR 2131		2	2	1
PHARMACOLOGY		PHRM 4131	BIOC 3131		2	0	
FIELD PLACEMENT		PLAC 1100			0	0	80
PROCESSING OPERATIONS I		PROC 5131	BIOC 4131		3	2	
					14	8	81

Chemical Lab Technology (CHLT)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CHLT-SEM6							
SPECTROSCOPY II		INST 6131	INST 5131		2	2	
CHROMATOGRAPHY II		INST 6132	INST 5132		2	2	
Industrial Microbiology		MICR 2134	MICR 2133		2	2	1
FIELD PLACEMENT		PLAC 1100			0	0	80
PROCESSING OPERATIONS II		PROC 6131	PROC 5131		3	2	
PRODUCT DEVELOPMENT		PROD 3131	FDLR 1131, PROC 5131		1	2	
PHARMACEUTICAL QA/QC		QAQC 6100	PHRM 3131		2	0	
					12	10	81

Chemical Laboratory Technician (CLBT)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CLBT-SEM1							
Biology		BIOL 1131			2	2	
Chemistry 1		CHEM 1131		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
Communication Foundations		COMM 1100			2	0	1
General Elective Credit		GNED 0000			3	0	
Mathematics		MATH 1132			3	0	
					14	7	1
CLBT-SEM2							
Organic Chemistry 1		CHEM 1202	TECH 1131		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
Introduction to Food Science		FOOD 1203	BIOL 1131		3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
FNMI Elective	OPT1	FNMI 0000			3	0	
					14	5	
CLBT-SEM3							
Food Microbiology for Technicians		BIOL 2200	BIOL 1131		2	2	1
Analytical Instrumentation for Technicians		CHEM 2200	CHEM 1202, CHEM 2131		3	3	
Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
Food Safety		FOOD 2200	FOOD 1203		3	0	
Statistics for Science		STAT 2201	MATH 2132		0	2	1
					10	10	2

Chemical Laboratory Technician (CLBT)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CLBT-SEM4							
QA QC for Technicians		CHEM 2202	STAT 2201		2	2	
Sample Management		CHEM 2203	CHEM 3131, STAT 2201		2	2	
Analytical Chemistry 2		CHEM 4131	CHEM 3131		2	3	
Career Planning and Development		CLBT 2200			2	0	1
General Elective Credit		GNED 0000			3	0	
Environmental Regulations		LAWW 2200			3	0	
					14	7	1

Civil Eng Technician Co-op (CTCC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CTCC-SEM1							
MATHEMATICS FOR CIVIL ENGINEERING I		CIVL 1101			3	1	
COMPUTER AIDED DRAFTING FOR CIVIL		CIVL 1111			0	3	
CONSTRUCTION MATERIALS AND TESTING		CIVL 1112			2	2	
INTRODUCTION TO CIVIL ENGINEERING		CIVL 1113			3	0	
SURVEYING PRINCIPLES		CIVL 1114			1	2	
General Elective Credit		GNED 0000			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					14	8	1
CTCC-SEM2							
MATHEMATICS FOR CIVIL ENGINEERING II		CIVL 1201	CIVL 1101		3	1	
COMPUTER AIDED DRAFTING 3D		CIVL 1211	CIVL 1111		0	3	
STRENGTH OF MATERIALS		CIVL 1212	CIVL 1101, CIVL 1113		2	2	
HYDROLOGY AND HYDRAULICS		CIVL 1213	CIVL 1113		2	2	
ADVANCED SURVEYING		CIVL 1214	CIVL 1114		1	2	
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
General Elective Credit		GNED 0000			3	0	
Co-op Work Term 1	COOP	CTCC 1000	SPEC 0000		0	0	420
					13	10	421

Civil Eng Technician Co-op (CTCC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CTCC-SEM3						
CONSTRUCTION SITE SUPERVISION AND MANAGEMENT	CIVL 2111	CIVL 1112		2	0	1
STEEL AND WOOD TECHNOLOGY	CIVL 2112	CIVL 1212		2	2	
SOIL MECHANICS	CIVL 2113	CIVL 1213		2	2	
GEOGRAPHICAL INFORMATION SYSTEMS	CIVL 2114	CIVL 1211, CIVL 1214		0	3	
WATER AND WASTEWATER TECHNOLOGY	CIVL 2115	CIVL 1213		2	2	
General Elective Credit	GNED 0000			3	0	
				11	9	1
CTCC-SEM4						
CIVIL PROJECT ESTIMATING	CIVL 2211	CIVL 2111		2	1	
CONCRETE AND MASONRY DESIGN	CIVL 2212	CIVL 1212		2	2	
MUNICIPAL SERVICES	CIVL 2213	CIVL 2115		2	2	
PAVEMENT ENGINEERING	CIVL 2214	CIVL 1112, CIVL 2113		2	1	
QA/QC IN CIVIL WORKS	CIVL 2215	CIVL 1112, CIVL 1201		3	0	
BUILDING INFORMATION MODELING I	CIVL 2216	CIVL 1211		0	3	
				11	9	

Civil Eng Technology Co-op (CTYC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CTYC-SEM1							
MATHEMATICS FOR CIVIL ENGINEERING I		CIVL 1101			3	1	
COMPUTER AIDED DRAFTING FOR CIVIL		CIVL 1111			0	3	
CONSTRUCTION MATERIALS AND TESTING		CIVL 1112			2	2	
INTRODUCTION TO CIVIL ENGINEERING		CIVL 1113			3	0	
SURVEYING PRINCIPLES		CIVL 1114			1	2	
General Elective Credit		GNED 0000			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					14	8	1
CTYC-SEM2							
MATHEMATICS FOR CIVIL ENGINEERING II		CIVL 1201	CIVL 1101		3	1	
COMPUTER AIDED DRAFTING 3D		CIVL 1211	CIVL 1111		0	3	
STRENGTH OF MATERIALS		CIVL 1212	CIVL 1101, CIVL 1113		2	2	
HYDROLOGY AND HYDRAULICS		CIVL 1213	CIVL 1113		2	2	
ADVANCED SURVEYING		CIVL 1214	CIVL 1114		1	2	
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
General Elective Credit		GNED 0000			3	0	
Co-op Work Term 1	COOP	CTYC 1000	SPEC 0000		0	0	420
					13	10	421

Civil Eng Technology Co-op (CTYC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CTYC-SEM3							
CONSTRUCTION SITE SUPERVISION AND MANAGEMENT		CIVL 2111	CIVL 1112		2	0	1
STEEL AND WOOD TECHNOLOGY		CIVL 2112	CIVL 1212		2	2	
SOIL MECHANICS		CIVL 2113	CIVL 1213		2	2	
GEOGRAPHICAL INFORMATION SYSTEMS		CIVL 2114	CIVL 1211, CIVL 1214		0	3	
WATER AND WASTEWATER TECHNOLOGY		CIVL 2115	CIVL 1213		2	2	
General Elective Credit		GNED 0000			3	0	
					11	9	1
CTYC-SEM4							
CIVIL PROJECT ESTIMATING		CIVL 2211	CIVL 2111		2	1	
CONCRETE AND MASONRY DESIGN		CIVL 2212	CIVL 1212		2	2	
MUNICIPAL SERVICES		CIVL 2213	CIVL 2115		2	2	
PAVEMENT ENGINEERING		CIVL 2214	CIVL 1112, CIVL 2113		2	1	
QA/QC IN CIVIL WORKS		CIVL 2215	CIVL 1112, CIVL 1201		3	0	
BUILDING INFORMATION MODELING I		CIVL 2216	CIVL 1211		0	3	
Co-op Work Term 2	COOP	CTYC 2000			0	0	420
					11	9	420

Civil Eng Technology Co-op (CTYC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CTYC-SEM5						
PRINCIPLES OF PROJECT MANAGEMENT	CIVL 3111	CIVL 2211		1	2	
GEOTECHNICAL DESIGN	CIVL 3112	CIVL 2113		2	2	
CIVIL ENGINEERING CODES AND REGULATIONS	CIVL 3113	CIVL 2113		3	0	
CALCULUS	CIVL 3114	CIVL 1201		4	0	
HIGHWAY AND TRANSPORTATION ENGINEERING I	CIVL 3115	CIVL 2214		2	2	
PRE CIVIL CAPSTONE PROJECT	CIVL 3116	CIVL 2211, CIVL 2216	CIVL 3111	2	0	1
BUILDING INFORMATION MODELING II	CIVL 3117	CIVL 2211, CIVL 2216	CIVL 3111	0	3	
				14	9	1
CTYC-SEM6						
CIVIL CAPSTONE PROJECT	CIVL 3211	CIVL 3116		1	0	5
ENVIRONMENTAL ENGINEERING AND ASSESSMENT	CIVL 3212	CIVL 2214		4	0	
HIGHWAY AND TRANSPORTATION ENGINEERING II	CIVL 3213	CIVL 3115		2	2	
REPAIR AND REHABILITATION OF CIVIL INFRASTRUCTURE	CIVL 3214	CIVL 3115		3	0	
CONSTRUCTION CONTRACTS, LAW AND ETHICS	CIVL 3215	CIVL 3113		2	0	1
HUMAN RESOURCES MANAGEMENT	CIVL 3216	CIVL 2111		2	0	1
				14	2	7

Civil Engineering Technician (CETC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CETC-SEM1							
MATHEMATICS FOR CIVIL ENGINEERING I		CIVL 1101			3	1	
COMPUTER AIDED DRAFTING FOR CIVIL		CIVL 1111			0	3	
CONSTRUCTION MATERIALS AND TESTING		CIVL 1112			2	2	
INTRODUCTION TO CIVIL ENGINEERING		CIVL 1113			3	0	
SURVEYING PRINCIPLES		CIVL 1114			1	2	
General Elective Credit		GNED 0000			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					14	8	1
CETC-SEM2							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
MATHEMATICS FOR CIVIL ENGINEERING II		CIVL 1201	CIVL 1101		3	1	
COMPUTER AIDED DRAFTING 3D		CIVL 1211	CIVL 1111		0	3	
STRENGTH OF MATERIALS		CIVL 1212	CIVL 1101, CIVL 1113		2	2	
HYDROLOGY AND HYDRAULICS		CIVL 1213	CIVL 1113		2	2	
ADVANCED SURVEYING		CIVL 1214	CIVL 1114		1	2	
General Elective Credit		GNED 0000			3	0	
					13	10	1

Civil Engineering Technician (CETC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CETC-SEM3						
CONSTRUCTION SITE SUPERVISION AND MANAGEMENT	CIVL 2111	CIVL 1112		2	0	1
STEEL AND WOOD TECHNOLOGY	CIVL 2112	CIVL 1212		2	2	
SOIL MECHANICS	CIVL 2113	CIVL 1213		2	2	
GEOGRAPHICAL INFORMATION SYSTEMS	CIVL 2114	CIVL 1211, CIVL 1214		0	3	
WATER AND WASTEWATER TECHNOLOGY	CIVL 2115	CIVL 1213		2	2	
General Elective Credit	GNED 0000			3	0	
				11	9	1
CETC-SEM4						
CIVIL PROJECT ESTIMATING	CIVL 2211	CIVL 2111		2	1	
CONCRETE AND MASONRY DESIGN	CIVL 2212	CIVL 1212		2	2	
MUNICIPAL SERVICES	CIVL 2213	CIVL 2115		2	2	
PAVEMENT ENGINEERING	CIVL 2214	CIVL 1112, CIVL 2113		2	1	
QA/QC IN CIVIL WORKS	CIVL 2215	CIVL 1112, CIVL 1201		3	0	
BUILDING INFORMATION MODELING I	CIVL 2216	CIVL 1211		0	3	
Field Placement - CETC	FWK 1405			0	0	1
				11	9	1

Civil Engineering Technology (CETY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CETY-SEM1							
MATHEMATICS FOR CIVIL ENGINEERING I		CIVL 1101			3	1	
COMPUTER AIDED DRAFTING FOR CIVIL		CIVL 1111			0	3	
CONSTRUCTION MATERIALS AND TESTING		CIVL 1112			2	2	
INTRODUCTION TO CIVIL ENGINEERING		CIVL 1113			3	0	
SURVEYING PRINCIPLES		CIVL 1114			1	2	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
General Elective Credit	OPT1	GNED 0000			3	0	
					14	8	1
CETY-SEM2							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
MATHEMATICS FOR CIVIL ENGINEERING II		CIVL 1201	CIVL 1101		3	1	
COMPUTER AIDED DRAFTING 3D		CIVL 1211	CIVL 1111		0	3	
STRENGTH OF MATERIALS		CIVL 1212	CIVL 1101, CIVL 1113		2	2	
HYDROLOGY AND HYDRAULICS		CIVL 1213	CIVL 1113		2	2	
ADVANCED SURVEYING		CIVL 1214	CIVL 1114		1	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					13	10	1

Civil Engineering Technology (CETY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CETY-SEM3						
CONSTRUCTION SITE SUPERVISION AND MANAGEMENT	CIVL 2111	CIVL 1112		2	0	1
STEEL AND WOOD TECHNOLOGY	CIVL 2112	CIVL 1212		2	2	
SOIL MECHANICS	CIVL 2113	CIVL 1213		2	2	
GEOGRAPHICAL INFORMATION SYSTEMS	CIVL 2114	CIVL 1211, CIVL 1214		0	3	
WATER AND WASTEWATER TECHNOLOGY	CIVL 2115	CIVL 1213		2	2	
General Elective Credit	GNED 0000			3	0	
				11	9	1
CETY-SEM4						
CIVIL PROJECT ESTIMATING	CIVL 2211	CIVL 2111		2	1	
CONCRETE AND MASONRY DESIGN	CIVL 2212	CIVL 1212		2	2	
MUNICIPAL SERVICES	CIVL 2213	CIVL 2115		2	2	
PAVEMENT ENGINEERING	CIVL 2214	CIVL 1112, CIVL 2113		2	1	
QA/QC IN CIVIL WORKS	CIVL 2215	CIVL 1112, CIVL 1201		3	0	
BUILDING INFORMATION MODELING I	CIVL 2216	CIVL 1211		0	3	
				11	9	

Civil Engineering Technology (CETY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CETY-SEM5						
PRINCIPLES OF PROJECT MANAGEMENT	CIVL 3111	CIVL 2211		1	2	
GEOTECHNICAL DESIGN	CIVL 3112	CIVL 2113		2	2	
CIVIL ENGINEERING CODES AND REGULATIONS	CIVL 3113	CIVL 2113		3	0	
CALCULUS	CIVL 3114	CIVL 1201		4	0	
HIGHWAY AND TRANSPORTATION ENGINEERING I	CIVL 3115	CIVL 2214		2	2	
PRE CIVIL CAPSTONE PROJECT	CIVL 3116	CIVL 2211, CIVL 2216	CIVL 3111	2	0	1
BUILDING INFORMATION MODELING II	CIVL 3117	CIVL 2211, CIVL 2216	CIVL 3111	0	3	
FIELD PLACEMENT	PLAC 1100			0	0	80
				14	9	81
CETY-SEM6						
CIVIL CAPSTONE PROJECT	CIVL 3211	CIVL 3116		1	0	5
ENVIRONMENTAL ENGINEERING AND ASSESSMENT	CIVL 3212	CIVL 2214		4	0	
HIGHWAY AND TRANSPORTATION ENGINEERING II	CIVL 3213	CIVL 3115		2	2	
REPAIR AND REHABILITATION OF CIVIL INFRASTRUCTURE	CIVL 3214	CIVL 3115		3	0	
CONSTRUCTION CONTRACTS, LAW AND ETHICS	CIVL 3215	CIVL 3113		2	0	1
HUMAN RESOURCES MANAGEMENT	CIVL 3216	CIVL 2111		2	0	1
FIELD PLACEMENT	PLAC 1100			0	0	80
				14	2	87

Comp Prog and Analysis Intern (CPGI)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPGI-SEM1							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1
CPGI-SEM2							
Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Software Testing and Automation		INFT 1207			2	2	
Systems Development 1		MGMT 1223			2	1	
Business for IT Professionals		MGMT 1224			2	0	1
					15	7	1
CPGI-SEM3							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
Object-Oriented Programming 2		COSC 2100	COSC 1200		4	2	
Web Development Intermediate		INFT 2100	INFT 1206		4	0	
Database Development 1		INFT 2101	INFT 1105		4	0	
Systems Development 2		MGMT 2107			2	1	
					16	3	1

Comp Prog and Analysis Intern (CPGI)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
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CPGI-SEM4

Object-Oriented Programming 3		COSC 2200	COSC 2100		3	0	1
General Elective Credit		GNED 0000			3	0	
Mainframe Development 1		INFT 2200	COSC 1100		4	0	
Web Development - Enterprise		INFT 2201	COSC 2100		4	0	
Web Development - Client Side Script		INFT 2202	INFT 1206		4	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
Co-op Work Term 1	COOP	CPGI 1000			0	0	420
Co-op Work Term 2	COOP	CPGI 2000			0	0	420
Co-op Work Term 3	COOP	CPGI 3000			0	0	420
Co-op Work Term 4	COOP	CPGI 4000			0	0	420
					18	4	1681

CPGI-SEM5

Mainframe Development 2		INFT 3100	COSC 1100		4	0	
Mobile Development		INFT 3101	COSC 2100, INFT 1206		4	0	
Web Development - Frameworks		INFT 3102	INFT 2100, INFT 2201		4	0	
Emerging Technologies		INFT 3103			3	0	
Cloud Technology for Developers		INFT 3104			2	2	
					17	2	

Comp Prog and Analysis Intern (CPGI)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPGI-SEM6						
Capstone Project	CPGA 3200	SPEC 0000		5	0	
General Elective Credit	GNED 0000			3	0	
Cloud Technology Operations	INFT 3200	INFT 3109		0	4	
Database Development 2	INFT 3201	INFT 2101		4	0	
Systems Development 3	MGMT 3207	MGMT 1223, MGMT 2107		3	0	
				15	4	

Comp Programming and Analysis (CPA)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPGA-SEM1							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1
CPGA-SEM2							
Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Software Testing and Automation		INFT 1207			2	2	
Systems Development 1		MGMT 1223			2	1	
Business for IT Professionals		MGMT 1224			2	0	1
					15	7	1
CPGA-SEM3							
IT Career Essentials		COMM 2109			2	0	1
Object-Oriented Programming 2		COSC 2100	COSC 1200		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development Intermediate		INFT 2100	INFT 1206		4	0	
Database Development 1		INFT 2101	INFT 1105		4	0	
Systems Development 2		MGMT 2107			2	1	
					19	3	1

Comp Programming and Analysis (CPA)

Weekly Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPGA-SEM4						
Object-Oriented Programming 3	COSC 2200	COSC 2100		3	0	1
General Elective Credit	GNED 0000			3	0	
Mainframe Development 1	INFT 2200	COSC 1100		4	0	
Web Development - Enterprise	INFT 2201	COSC 2100		4	0	
Web Development - Client Side Script	INFT 2202	INFT 1206		4	0	
Cloud Technology Fundamentals	INFT 2203			0	4	
				18	4	1
CPGA-SEM5						
Mainframe Development 2	INFT 3100	COSC 1100		4	0	
Mobile Development	INFT 3101	COSC 2100, INFT 1206		4	0	
Web Development - Frameworks	INFT 3102	INFT 2100, INFT 2201		4	0	
Emerging Technologies	INFT 3103			3	0	
Cloud Technology for Developers	INFT 3104			2	2	
				17	2	
CPGA-SEM6						
Capstone Project	CPGA 3200	SPEC 0000		5	0	
Field Placement - CPA	CPGA 3201	SPEC 0000		1	0	160
Cloud Technology Operations	INFT 3200	INFT 3109		0	4	
Database Development 2	INFT 3201	INFT 2101		4	0	
Systems Development 3	MGMT 3207	MGMT 1223, MGMT 2107		3	0	
				13	4	160

Computer Foundations (CFND)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CFND-SEM1							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1
CFND-SEM2							
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Computer Systems - Software	OPT1	COMP 1218	COMP 1116		2	2	
Enterprise Client Support	OPT2	COMP 1219			4	0	
Object-Oriented Programming 1	OPT3	COSC 1200	COSC 1100		4	2	
Data Communications and Networking 2	OPT4	INFT 1205	INFT 1104		0	4	
Software Testing and Automation	OPT5	INFT 1207			2	2	
IT Service Management	OPT6	MGMT 1222			2	2	
Systems Development 1	OPT7	MGMT 1223			2	1	
Business for IT Professionals	OPT8	MGMT 1224			2	0	1
					23	15	1

Computer Prog Analysis Coop (CPGC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPGC-SEM1							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1
CPGC-SEM2							
Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Software Testing and Automation		INFT 1207			2	2	
Systems Development 1		MGMT 1223			2	1	
Business for IT Professionals		MGMT 1224			2	0	1
					15	7	1
CPGC-SEM3							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
Object-Oriented Programming 2		COSC 2100	COSC 1200		4	2	
Web Development Intermediate		INFT 2100	INFT 1206		4	0	
Database Development 1		INFT 2101	INFT 1105		4	0	
Systems Development 2		MGMT 2107			2	1	
					16	3	1

Computer Prog Analysis Coop (CPGC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPGC-SEM4							
Object-Oriented Programming 3		COSC 2200	COSC 2100		3	0	1
General Elective Credit		GNED 0000			3	0	
Mainframe Development 1		INFT 2200	COSC 1100		4	0	
Web Development - Enterprise		INFT 2201	COSC 2100		4	0	
Web Development - Client Side Script		INFT 2202	INFT 1206		4	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
Co-op Work Term 1	COOP	CPGC 1000			0	0	550
					18	4	551
CPGC-SEM5							
Mainframe Development 2		INFT 3100	COSC 1100		4	0	
Mobile Development		INFT 3101	COSC 2100, INFT 1206		4	0	
Web Development - Frameworks		INFT 3102	INFT 2100, INFT 2201		4	0	
Emerging Technologies		INFT 3103			3	0	
Cloud Technology for Developers		INFT 3104			2	2	
					17	2	
CPGC-SEM6							
Capstone Project		CPGA 3200	SPEC 0000		5	0	
General Elective Credit		GNED 0000			3	0	
Cloud Technology Operations		INFT 3200	INFT 3109		0	4	
Database Development 2		INFT 3201	INFT 2101		4	0	
Systems Development 3		MGMT 3207	MGMT 1223, MGMT 2107		3	0	
					15	4	

Computer Prog Analyst Co-op (CPAC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPAC-SEM1							
COMMUNICATIONS I FOR IT		COMM 3201			3	0	
COMPUTER SYSTEMS-HARDWARE		CSYS 1122			2	2	
INTRO TO DATABASES		DBAS 1201			4	0	
DATA COMMUNICATIONS & NETWORKING I		DCOM 1100			0	4	
MATHEMATICS FOR I.T.		MATH 1110			3	0	
INTRODUCTION TO PROGRAMMING		PROG 1205			4	0	
					16	6	
CPAC-SEM2							
General Elective Credit		GNED 0000			3	0	
LINUX I		LINU 4100			0	4	
NET DEVELOPMENT I		NETD 2202	PROG 1205		1	2	
OOP I		OOP 2200	PROG 1205		4	0	
SYSTEMS DEVELOPMENT I		SYDE 2203			2	1	
WEB DEVELOPMENT- FUNDAMENTALS		WEBD 2201			2	2	
					12	9	
CPAC-SEM3							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
NET DEVELOPMENT II		NETD 3202	NETD 2202		3	0	
OOP II		OOP 3200	OOP 2200		4	0	
SYSTEMS DEVELOPMENT II		SYDE 3203	SYDE 2203		2	1	
SYSTEM SUPPORT & AUTOMATION		SYSA 3204	LINU 4100		2	2	
WEB DEVELOPMENT-INTERMEDIATE		WEBD 3201	WEBD 2201		3	0	
					16	3	1

Computer Prog Analyst Co-op (CPAC)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPAC-SEM4							
DATABASE DEVELOPMENT I		DBAS 5206	DBAS 1201, SYDE 3203		3	0	
General Elective Credit		GNED 0000			3	0	
MAINFRAME DEVELOPMENT		MAFD 4202	PROG 1205		4	0	
OOP III		OOP 4200	NETD 3202, OOP 3200		3	0	1
WEB DEVELOPMENT - ENTERPRISE		WEBD 4201	OOP 3200, WEBD 3201		4	0	
WEB DEVELOP-CLIENT SIDE SCRIPT		WEBD 6201	WEBD 2201		4	0	
Co-op Work Term 1	COOP	CPAC 1000			0	0	520
					21	0	521
CPAC-SEM5							
DATABASE DEVELOPMENT II		DBAS 6206	DBAS 5206		3	0	
IT FOR BUSINESS I		ITBU 5200	ITCE 3200		3	0	1
MAINFRAME DEVELOPMENT II		MAFD 5202	MAFD 4202		4	0	
MOBILE DEVELOPMENT		MODE 4201	OOP 3200, WEBD 6201		2	2	
WEB DEVELOPMENT-FRAMEWORKS		WEBD 5201	WEBD 3201, WEBD 4201		4	0	
					16	2	1
CPAC-SEM6							
CAPSTONE PROJECT		CAPR 6203	SPEC 0000		5	0	
General Elective Credit		GNED 0000			3	0	
IT FOR BUSINESS II		ITBU 6200	ITBU 5200		4	0	
MAINFRAME DEVELOPMENT III		MAFD 6202	MAFD 5202		4	0	
SYSTEMS DEVELOPMENT III		SYDE 5203	SYDE 3203		3	0	
EMERGING TECHNOLOGIES		TECH 6200	SPEC 0000		3	0	
					22	0	

Computer Programmer (CPGM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPGM-SEM1							
COMMUNICATIONS I FOR IT		COMM 3201			3	0	
COMPUTER SYSTEMS-HARDWARE		CSYS 1122			2	2	
INTRO TO DATABASES		DBAS 1201			4	0	
DATA COMMUNICATIONS & NETWORKING I		DCOM 1100			0	4	
MATHEMATICS FOR I.T.		MATH 1110			3	0	
INTRODUCTION TO PROGRAMMING		PROG 1205			4	0	
					16	6	
CPGM-SEM2							
General Elective Credit		GNED 0000			3	0	
LINUX I		LINU 4100			0	4	
NET DEVELOPMENT I		NETD 2202	PROG 1205		1	2	
OOP I		OOP 2200	PROG 1205		4	0	
SYSTEMS DEVELOPMENT I		SYDE 2203			2	1	
WEB DEVELOPMENT-FUNDAMENTALS		WEBD 2201			2	2	
					12	9	

Computer Programmer (CPGM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
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CPGM-SEM3

General Elective Credit		GNED 0000			3	0	
IT CAREER ESSENTIALS		ITCE 3200			2	0	1
NET DEVELOPMENT II		NETD 3202	NETD 2202		3	0	
OOP II		OOP 3200	OOP 2200		4	0	
SYSTEMS DEVELOPMENT II		SYDE 3203	SYDE 2203		2	1	
SYSTEM SUPPORT & AUTOMATION		SYSA 3204	LINU 4100		2	2	
WEB DEVELOPMENT-INTERMEDIATE		WEBD 3201	WEBD 2201		3	0	
					19	3	1

CPGM-SEM4

DATABASE DEVELOPMENT I		DBAS 5206	DBAS 1201, SYDE 3203		3	0	
General Elective Credit		GNED 0000			3	0	
MAINFRAME DEVELOPMENT		MAFD 4202	PROG 1205		4	0	
OOP III		OOP 4200	NETD 3202, OOP 3200		3	0	1
WEB DEVELOPMENT - ENTERPRISE		WEBD 4201	OOP 3200, WEBD 3201		4	0	
WEB DEVELOP-CLIENT SIDE SCRIPT		WEBD 6201	WEBD 2201		4	0	
					21	0	1

Computer Programmer Analyst (CPA)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
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CPA-SEM1

COMMUNICATIONS I FOR IT		COMM 3201			3	0	
COMPUTER SYSTEMS-HARDWARE		CSYS 1122			2	2	
INTRO TO DATABASES		DBAS 1201			4	0	
DATA COMMUNICATIONS & NETWORKING I		DCOM 1100			0	4	
MATHEMATICS FOR I.T.		MATH 1110			3	0	
INTRODUCTION TO PROGRAMMING		PROG 1205			4	0	
					16	6	

CPA-SEM2

General Elective Credit		GNED 0000			3	0	
LINUX I		LINU 4100			0	4	
NET DEVELOPMENT I		NETD 2202	PROG 1205		1	2	
OOP I		OOP 2200	PROG 1205		4	0	
SYSTEMS DEVELOPMENT I		SYDE 2203			2	1	
WEB DEVELOPMENT-FUNDAMENTALS		WEBD 2201			2	2	
					12	9	

Computer Programmer Analyst (CPA)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPA-SEM3							
General Elective Credit		GNED 0000			3	0	
IT CAREER ESSENTIALS		ITCE 3200			2	0	1
NET DEVELOPMENT II		NETD 3202	NETD 2202		3	0	
OOP II		OOP 3200	OOP 2200		4	0	
SYSTEMS DEVELOPMENT II		SYDE 3203	SYDE 2203		2	1	
SYSTEM SUPPORT & AUTOMATION		SYSA 3204	LINU 4100		2	2	
WEB DEVELOPMENT-INTERMEDIATE		WEBD 3201	WEBD 2201		3	0	
					19	3	1
CPA-SEM4							
DATABASE DEVELOPMENT I		DBAS 5206	DBAS 1201, SYDE 3203		3	0	
General Elective Credit		GNED 0000			3	0	
MAINFRAME DEVELOPMENT		MAFD 4202	PROG 1205		4	0	
OOP III		OOP 4200	NETD 3202, OOP 3200		3	0	1
WEB DEVELOPMENT - ENTERPRISE		WEBD 4201	OOP 3200, WEBD 3201		4	0	
WEB DEVELOP-CLIENT SIDE SCRIPT		WEBD 6201	WEBD 2201		4	0	
					21	0	1
CPA-SEM5							
DATABASE DEVELOPMENT II		DBAS 6206	DBAS 5206		3	0	
IT FOR BUSINESS I		ITBU 5200	ITCE 3200		3	0	1
MAINFRAME DEVELOPMENT II		MAFD 5202	MAFD 4202		4	0	
MOBILE DEVELOPMENT		MODE 4201	OOP 3200, WEBD 6201		2	2	
WEB DEVELOPMENT-FRAMEWORKS		WEBD 5201	WEBD 3201, WEBD 4201		4	0	
					16	2	1

Computer Programmer Analyst (CPA)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPA-SEM6							
CAPSTONE PROJECT		CAPR 6203	SPEC 0000		5	0	
FIELD PLACEMENT SEMINAR-CPA		FWKI 6203			1	0	
FIELD PLACEMENT-CPA		FWKI 6204	SPEC 0000		0	0	160
IT FOR BUSINESS II		ITBU 6200	ITBU 5200		4	0	
MAINFRAME DEVELOPMENT III		MAFD 6202	MAFD 5202		4	0	
SYSTEMS DEVELOPMENT III		SYDE 5203	SYDE 3203		3	0	
EMERGING TECHNOLOGIES		TECH 6200	SPEC 0000		3	0	
					20	0	160

Computer Programming (CPPG)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
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CPPG-SEM1

Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1

CPPG-SEM2

Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Software Testing and Automation		INFT 1207			2	2	
Systems Development 1		MGMT 1223			2	1	
Business for IT Professionals		MGMT 1224			2	0	1
					15	7	1

CPPG-SEM3

IT Career Essentials		COMM 2109			2	0	1
Object-Oriented Programming 2		COSC 2100	COSC 1200		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development Intermediate		INFT 2100	INFT 1206		4	0	
Database Development 1		INFT 2101	INFT 1105		4	0	
Systems Development 2		MGMT 2107			2	1	
					19	3	1

Computer Programming (CPPG)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CPPG-SEM4							
Object-Oriented Programming 3		COSC 2200	COSC 2100		3	0	1
General Elective Credit		GNED 0000			3	0	
Mainframe Development 1		INFT 2200	COSC 1100		4	0	
Web Development - Enterprise		INFT 2201	COSC 2100		4	0	
Web Development - Client Side Script		INFT 2202	INFT 1206		4	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
					18	4	1

Computer Sys Technology Co-op (CSCC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CSCC-SEM1							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1
CSCC-SEM2							
Computer Systems - Software		COMP 1218	COMP 1116		2	2	
Enterprise Client Support		COMP 1219			4	0	
General Elective Credit		GNED 0000			3	0	
Data Communications and Networking 2		INFT 1205	INFT 1104		0	4	
Web Development - Fundamentals		INFT 1206			2	2	
IT Service Management		MGMT 1222			2	2	
					13	10	
CSCC-SEM3							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
Powershell		COSC 2101	COMP 1218		0	3	
General Elective Credit		GNED 0000			3	0	
Data Communications and Networking 3		INFT 2102	INFT 1205		0	4	
Network Administration 1		INFT 2103			2	2	
Linux 1		INFT 2104			0	4	
					7	13	1

Computer Sys Technology Co-op (CSCC)

Weekly Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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CSCC-SEM4

General Elective Credit		GNED 0000			3	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
Network Administration 2		INFT 2204	INFT 2103		2	2	
Virtualization		INFT 2205	INFT 2103		0	4	
Linux 2		INFT 2206	INFT 2104		0	4	
Project Management		PJMT 2200			3	0	
Co-op Work Term 1	COOP	CSCC 1000			0	0	550
					8	14	550

CSCC-SEM5

Database Management		INFT 3105	INFT 1105, INFT 2204		2	2	
Linux 3		INFT 3106	INFT 2206		0	4	
Network Administration 3		INFT 3107	INFT 2204		0	4	
Security 1		INFT 3108	INFT 2102		0	4	
Cloud Technology Architect		INFT 3109	INFT 2203		0	4	
Unified Communications		INFT 3110	INFT 2102, INFT 2104		0	4	
					2	22	

CSCC-SEM6

IT Capstone Project		CSTY 3201	SPEC 0000		2	2	
Cloud Technology Operations		INFT 3200	INFT 3109		0	4	
Security 2		INFT 3202	INFT 3107		2	2	
Emerging Network Technologies		INFT 3203	COSC 1100, INFT 2102		0	3	
Enterprise Solutions		INFT 3204	INFT 3105, INFT 3107		0	4	
					4	15	

Computer Systems Tech - OnTech (CSTU)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CSTU-SEM1							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1
CSTU-SEM2							
Computer Systems - Software		COMP 1218	COMP 1116		2	2	
Enterprise Client Support		COMP 1219			4	0	
Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
Computer Architecture		INFR 2810U			0	0	0
Data Communications and Networking 2		INFT 1205	INFT 1104		0	4	
Web Development - Fundamentals		INFT 1206			2	2	
					12	10	0

Computer Systems Tech - OnTech (CSTU)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CSTU-SEM3							
IT Career Essentials		COMM 2109			2	0	1
Powershell		COSC 2101	COMP 1218		0	3	
General Elective Credit		GNED 0000			3	0	
General Elective Credit		GNED 0000			3	0	
Discrete Mathematics		INFR 1010U			0	0	0
Network Administration 1		INFT 2103			2	2	
Linux 1		INFT 2104			0	4	
					10	9	1
CSTU-SEM4							
General Elective Credit		GNED 0000			3	0	
Introductory Calculus		INFR 1016U			0	0	0
Introduction to Networking		INFR 1421U			0	0	
Algorithms and Data Structures		INFR 2820U			0	0	0
Network Administration 2		INFT 2204	INFT 2103		2	2	
Virtualization		INFT 2205	INFT 2103		0	4	
Project Management		PJMT 2200			3	0	
					8	6	0

Computer Systems Technician (CSTC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CSTC-SEM1							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1
CSTC-SEM2							
Computer Systems - Software		COMP 1218	COMP 1116		2	2	
Enterprise Client Support		COMP 1219			4	0	
General Elective Credit		GNED 0000			3	0	
Data Communications and Networking 2		INFT 1205	INFT 1104		0	4	
Web Development - Fundamentals		INFT 1206			2	2	
IT Service Management		MGMT 1222			2	2	
					13	10	
CSTC-SEM3							
IT Career Essentials		COMM 2109			2	0	1
Powershell		COSC 2101	COMP 1218		0	3	
General Elective Credit		GNED 0000			3	0	
Data Communications and Networking 3		INFT 2102	INFT 1205		0	4	
Network Administration 1		INFT 2103			2	2	
Linux 1		INFT 2104			0	4	
					7	13	1

Computer Systems Technician (CSTC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CSTC-SEM4							
General Elective Credit		GNED 0000			3	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
Network Administration 2		INFT 2204	INFT 2103		2	2	
Virtualization		INFT 2205	INFT 2103		0	4	
Linux 2		INFT 2206	INFT 2104		0	4	
Project Management		PJMT 2200			3	0	
					8	14	

Computer Systems Technology (CSTY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CSTY-SEM1							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					15	8	1
CSTY-SEM2							
Computer Systems - Software		COMP 1218	COMP 1116		2	2	
Enterprise Client Support		COMP 1219			4	0	
General Elective Credit		GNED 0000			3	0	
Data Communications and Networking 2		INFT 1205	INFT 1104		0	4	
Web Development - Fundamentals		INFT 1206			2	2	
IT Service Management		MGMT 1222			2	2	
					13	10	
CSTY-SEM3							
IT Career Essentials		COMM 2109			2	0	1
Powershell		COSC 2101	COMP 1218		0	3	
General Elective Credit		GNED 0000			3	0	
Data Communications and Networking 3		INFT 2102	INFT 1205		0	4	
Network Administration 1		INFT 2103			2	2	
Linux 1		INFT 2104			0	4	
					7	13	1

Computer Systems Technology (CSTY)

Weekly Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
CSTY-SEM4							
General Elective Credit		GNED 0000			3	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
Network Administration 2		INFT 2204	INFT 2103		2	2	
Virtualization		INFT 2205	INFT 2103		0	4	
Linux 2		INFT 2206	INFT 2104		0	4	
Project Management		PJMT 2200			3	0	
					8	14	
CSTY-SEM5							
Database Management		INFT 3105	INFT 1105, INFT 2204		2	2	
Linux 3		INFT 3106	INFT 2206		0	4	
Network Administration 3		INFT 3107	INFT 2204		0	4	
Security 1		INFT 3108	INFT 2102		0	4	
Cloud Technology Architect		INFT 3109	INFT 2203		0	4	
Unified Communications		INFT 3110	INFT 2102, INFT 2104		0	4	
					2	22	
CSTY-SEM6							
Field Placement - CSTY		CSTY 3200	SPEC 0000		1	0	160
IT Capstone Project		CSTY 3201	SPEC 0000		2	2	
Cloud Technology Operations		INFT 3200	INFT 3109		0	4	
Security 2		INFT 3202	INFT 3107		2	2	
Emerging Network Technologies		INFT 3203	COSC 1100, INFT 2102		0	3	
Enterprise Solutions		INFT 3204	INFT 3105, INFT 3107		0	4	
					5	15	160

Cybersecurity (CYSC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CYSC-SEM1							
Cybersecurity Careers and the Digital Portfolio		CYSC 1100			2	0	1
Network Systems and Components		INFT 1100			0	2	1
Wireless Network Security		INFT 1101			0	2	1
Information Security		INFT 1102			0	2	1
Operating System Security		INFT 1103			2	0	1
Business Processes and Security Policy		MGMT 1100			2	0	1
Incident Handling and Response		MGMT 1212			2	0	1
					8	6	7
CYSC-SEM2							
Computer Forensics		INFT 1200			0	2	1
Hacking and Exploits		INFT 1201			0	3	
Network Monitoring and Penetration Testing		INFT 1202			0	3	
Access Controls		INFT 1203			0	2	1
Special Topics in Cybersecurity		INFT 1204			2	0	1
Law and Ethics in Forensic Investigations		LAWW 1201			2	0	1
Security Auditing and Governance		MGMT 1216			2	0	1
					6	10	5

Cybersecurity - Flex (CYFL)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CYFL-SEM1							
Cybersecurity Careers and the Digital Portfolio		CYSC 1100			2	0	1
Network Systems and Components		INFT 1100			0	2	1
Wireless Network Security		INFT 1101			0	2	1
Information Security		INFT 1102			0	2	1
Operating System Security		INFT 1103			2	0	1
Business Processes and Security Policy		MGMT 1100			2	0	1
Incident Handling and Response		MGMT 1212			2	0	1
					8	6	7
CYFL-SEM2							
Computer Forensics		INFT 1200			0	2	1
Hacking and Exploits		INFT 1201			0	3	
Network Monitoring and Penetration Testing		INFT 1202			0	3	
Access Controls		INFT 1203			0	2	1
Special Topics in Cybersecurity		INFT 1204			2	0	1
Law and Ethics in Forensic Investigations		LAWW 1201			2	0	1
Security Auditing and Governance		MGMT 1216			2	0	1
					6	10	5

Cybersecurity - Work Term (CYSW)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
CYSW-SEM1							
Cybersecurity Careers and the Digital Portfolio		CYSC 1100			2	0	1
Network Systems and Components		INFT 1100			0	2	1
Wireless Network Security		INFT 1101			0	2	1
Information Security		INFT 1102			0	2	1
Operating System Security		INFT 1103			2	0	1
Business Processes and Security Policy		MGMT 1100			2	0	1
Incident Handling and Response		MGMT 1212			2	0	1
					8	6	7
CYSW-SEM2							
Computer Forensics		INFT 1200			0	2	1
Hacking and Exploits		INFT 1201			0	3	
Network Monitoring and Penetration Testing		INFT 1202			0	3	
Access Controls		INFT 1203			0	2	1
Special Topics in Cybersecurity		INFT 1204			2	0	1
Law and Ethics in Forensic Investigations		LAWW 1201			2	0	1
Security Auditing and Governance		MGMT 1216			2	0	1
Work Term 1	COOP	CYSC 1300			0	0	
					6	10	5

Data Analytics for Bus Dec Mkg (DATA)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
DATA-SEM1							
INTRODUCTION TO DATA ANALYSIS		DATA 1200			3	0	
DATA COLLECTION AND DATA MANAGEMENT		DATA 1201			3	0	
DATA ANALYSIS TOOLS FOR ANALYTICS		DATA 1202			2	2	
BUSINESS ANALYSIS AND ASSESSMENTS 1		DATA 1203			3	0	
STATISTICAL PREDICTIVE MODELING FOR ANALYTICS I		DATA 1204			2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS I		DATA 1205			2	2	
					15	4	2
DATA-SEM2							
ETHICAL LEADERSHIP AND CRITICAL DECISION MAKING		DATA 2202			3	0	
BUSINESS ANALYSIS AND ASSESSMENTS II		DATA 2203	DATA 1203		2	0	1
STATISTICAL AND PREDICTIVE MODELLING FOR ANALYTICS II		DATA 2204	DATA 1204		2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS II		DATA 2205	DATA 1205		2	2	
CAPSTONE		DATA 2206	DATA 1200, DATA 1202		2	0	2
PROJECT MANAGEMENT FOR ANALYTICS		DATA 2207			2	0	1
					13	2	6

Data Analytics for Bus Dec WT (DATW)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
DATW-SEM1							
Careers and Digital Portfolio		DATA 1102			2	0	1
INTRODUCTION TO DATA ANALYSIS		DATA 1200			3	0	
DATA COLLECTION AND DATA MANAGEMENT		DATA 1201			3	0	
DATA ANALYSIS TOOLS FOR ANALYTICS		DATA 1202			2	2	
BUSINESS ANALYSIS AND ASSESSMENTS 1		DATA 1203			3	0	
STATISTICAL PREDICTIVE MODELING FOR ANALYTICS I		DATA 1204			2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS I		DATA 1205			2	2	
					17	4	3
DATW-SEM2							
ETHICAL LEADERSHIP AND CRITICAL DECISION MAKING		DATA 2202			3	0	
BUSINESS ANALYSIS AND ASSESSMENTS II		DATA 2203	DATA 1203		2	0	1
STATISTICAL AND PREDICTIVE MODELLING FOR ANALYTICS II		DATA 2204	DATA 1204		2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS II		DATA 2205	DATA 1205		2	2	
CAPSTONE		DATA 2206	DATA 1200, DATA 1202		2	0	2
PROJECT MANAGEMENT FOR ANALYTICS		DATA 2207			2	0	1
Work Term	COOP	DATW 1000	SPEC 0000		0	0	420
					13	2	426

Data Anltc for Bus Dec Mk Flex (DAFL)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
DAFL-SEM1						
INTRODUCTION TO DATA ANALYSIS	DATA 1200			3	0	
DATA COLLECTION AND DATA MANAGEMENT	DATA 1201			3	0	
DATA ANALYSIS TOOLS FOR ANALYTICS	DATA 1202			2	2	
BUSINESS ANALYSIS AND ASSESSMENTS 1	DATA 1203			3	0	
STATISTICAL PREDICTIVE MODELING FOR ANALYTICS I	DATA 1204			2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS I	DATA 1205			2	2	
				15	4	2
DAFL-SEM2						
ETHICAL LEADERSHIP AND CRITICAL DECISION MAKING	DATA 2202			3	0	
BUSINESS ANALYSIS AND ASSESSMENTS II	DATA 2203	DATA 1203		2	0	1
STATISTICAL AND PREDICTIVE MODELLING FOR ANALYTICS II	DATA 2204	DATA 1204		2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS II	DATA 2205	DATA 1205		2	2	
CAPSTONE	DATA 2206	DATA 1200, DATA 1202		2	0	2
PROJECT MANAGEMENT FOR ANALYTICS	DATA 2207			2	0	1
				13	2	6

Electro-Mechanical Eng Tech (EMTY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
EMTY-SEM1							
CAD FOR ELECTRICAL		CAD 1134			0	2	
DIGITAL FUNDAMENTALS		DGFN 1131			2	2	
ELECTRICITY I		ELEC 1131			3	2	
General Elective Credit		GNED 0000			3	0	
MATH & PHYSICS FOR TECH		STEM 1131			6	0	0
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					16	6	1
EMTY-SEM2							
CAD as an Engineering Tool		CADD 2131	CAD 1134		0	3	
ELECTRONIC CIRCUITS I		CIRE 1131	ELEC 1131		2	2	
DIGITAL FUNDAMENTALS II		DGFN 2131	DGFN 1131		2	2	
ELECTRICITY II		ELEC 2131	ELEC 1131		2	2	
FLUID POWER I		FLUD 1131			2	1	
MATHEMATICS FOR TECHNOLOGY II		MATH 2131	STEM 1131		4	0	
PROGRAMMING FOR TECHNOLOGY I		TPRG 1131			0	2	
					12	12	

Electro-Mechanical Eng Tech (EMTY)

Weekly Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
EMTY-SEM3						
ELECTRONIC CIRCUITS II	CIRE 2132	CIRE 1131		3	2	
CODE FOR TECHNOLOGY	CODT 5131			0	0	2
INDUSTRIAL CONTROLS I	CONT 3123	CADD 2131, ELEC 2131		2	2	
FLUID POWER II	FLUD 2132	FLUD 1131		2	2	
General Elective Credit	GNED 0000			3	0	
CALCULUS	MATH 3132	MATH 2131		4	0	
				14	6	2
EMTY-SEM4						
CAREER PLANNING & DEVELOPMENT	CARR 2130	COMM 1100		2	0	1
ELECTRONIC CIRCUITS III	CIRE 3132	CIRE 2132		2	2	
INDUSTRIAL CONTROLS II	CONT 3131	CONT 3123		2	2	
INTEGRATED AUTOMATION I	CONT 3141	CONT 3123	CONT 3131	2	2	
MANUFACTURING SCIENCES	MANF 1131			1	3	
APPLIED MECHANICS	MECH 2103	PHYS 1131, STEM 1131		3	0	
				12	9	1
EMTY-SEM5						
AUTOMATION SYSTEM	AUTO 1100	CONT 3141		2	2	
INTEGRATED AUTOMATION II	CONT 4101	CONT 3131, CONT 3141		2	2	
INSTRUMENTATION & CONTROL I	CONT 5131	CONT 3141		2	2	
Control Panel Design/Build	CPDB 5131	CONT 3131, CONT 3141		1	3	
MANUFACTURING PROCESSES	MANF 3131	MANF 1131		3	0	
FIELD PLACEMENT	PLAC 1100			0	0	80
				10	9	80

Electro-Mechanical Eng Tech (EMTY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
EMTY-SEM6						
AUTOMATION PROJECT	AUTO 2100	AUTO 1100, CONT 4101		1	2	3
INSTRUMENTATION & CONTROL II	CONT 6131	CONT 5131		2	2	
General Elective Credit	GNED 0000			3	0	
Industrial Networking	INET 6131	CPDB 5131		2	2	
DYNAMICS OF MACHINES	MACH 3132	MECH 2103		3	0	
FIELD PLACEMENT	PLAC 1100			0	0	80
SCADA	SCAD 6100	AUTO 1100, CONT 4101		2	2	
				13	8	83

Electromech Eng Tech - Co-op (EMTC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
EMTC-SEM1						
CAD FOR ELECTRICAL	CAD 1134			0	2	
DIGITAL FUNDAMENTALS	DGFN 1131			2	2	
ELECTRICITY I	ELEC 1131			3	2	
General Elective Credit	GNED 0000			3	0	
MATH & PHYSICS FOR TECH	STEM 1131			6	0	0
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY	TECH 1130			2	0	1
				16	6	1
EMTC-SEM2						
CAD as an Engineering Tool	CADD 2131	CAD 1134		0	3	
ELECTRONIC CIRCUITS I	CIRE 1131	ELEC 1131		2	2	
DIGITAL FUNDAMENTALS II	DGFN 2131	DGFN 1131		2	2	
ELECTRICITY II	ELEC 2131	ELEC 1131		2	2	
FLUID POWER I	FLUD 1131			2	1	
MATHEMATICS FOR TECHNOLOGY II	MATH 2131	STEM 1131		4	0	
PROGRAMMING FOR TECHNOLOGY I	TPRG 1131			0	2	
				12	12	

Electromech Eng Tech - Co-op (EMTC)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
EMTC-SEM3							
ELECTRONIC CIRCUITS II		CIRE 2132	CIRE 1131		3	2	
CODE FOR TECHNOLOGY		CODT 5131			0	0	2
INDUSTRIAL CONTROLS I		CONT 3123	CADD 2131, ELEC 2131		2	2	
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
FLUID POWER II		FLUD 2132	FLUD 1131		2	2	
CALCULUS		MATH 3132	MATH 2131		4	0	
					13	6	3
EMTC-SEM4							
ELECTRONIC CIRCUITS III		CIRE 3132	CIRE 2132		2	2	
INDUSTRIAL CONTROLS II		CONT 3131	CONT 3123		2	2	
INTEGRATED AUTOMATION I		CONT 3141	CONT 3123	CONT 3131	2	2	
General Elective Credit		GNED 0000			3	0	
MANUFACTURING SCIENCES		MANF 1131			1	3	
APPLIED MECHANICS		MECH 2103	PHYS 1131, STEM 1131		3	0	
Co-op Work Term	COOP	EMTC 1000			0	0	560
					13	9	560
EMTC-SEM5							
AUTOMATION SYSTEM		AUTO 1100	CONT 3141		2	2	
INTEGRATED AUTOMATION II		CONT 4101	CONT 3131, CONT 3141		2	2	
INSTRUMENTATION & CONTROL I		CONT 5131	CONT 3141		2	2	
Control Panel Design/Build		CPDB 5131	CONT 3131, CONT 3141		1	3	
MANUFACTURING PROCESSES		MANF 3131	MANF 1131		3	0	
					10	9	

Electromech Eng Tech - Co-op (EMTC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
EMTC-SEM6						
AUTOMATION PROJECT	AUTO 2100	AUTO 1100, CONT 4101		1	2	3
INSTRUMENTATION & CONTROL II	CONT 6131	CONT 5131		2	2	
General Elective Credit	GNED 0000			3	0	
Industrial Networking	INET 6131	CPDB 5131		2	2	
DYNAMICS OF MACHINES	MACH 3132	MECH 2103		3	0	
SCADA	SCAD 6100	AUTO 1100, CONT 4101		2	2	
				13	8	3

Electronic Eng Technician (ELTC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ELTC-SEM1							
CAD FOR ELECTRICAL		CAD 1134			0	2	
DIGITAL FUNDAMENTALS		DGFN 1131			2	2	
ELECTRICITY I		ELEC 1131			3	2	
MATH & PHYSICS FOR TECH		STEM 1131			6	0	0
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
General Elective Credit	OPT1	GNED 0000			3	0	
					16	6	1
ELTC-SEM2							
CAD FOR ELECTRONICS I		CAD 1133	CAD 1134		0	2	
ELECTRONIC CIRCUITS I		CIRE 1131	ELEC 1131		2	2	
DIGITAL FUNDAMENTALS II		DGFN 2131	DGFN 1131		2	2	
ELECTRICITY II		ELEC 2131	ELEC 1131		2	2	
MATHEMATICS FOR TECHNOLOGY II		MATH 2131	STEM 1131		4	0	
PROGRAMMING FOR TECHNOLOGY I		TPRG 1131			0	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					13	10	

Electronic Eng Technician (ELTC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ELTC-SEM3							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
ELECTRONIC CIRCUITS II		CIRE 2132	CIRE 1131		3	2	
COMPUTERS AND NETWORKING I		COMP 4131			2	2	
INDUSTRIAL CONTROLS I		CONT 3123	CADD 2131, ELEC 2131		2	2	
MICROPROCESSORS I		MPRO 1131	DGFN 2131		1	2	
TELECOMMUNICATIONS I		SYSC 4131	CIRE 1131		2	2	
PROGRAMMING FOR TECHNOLOGY II		TPRG 2131	TPRG 1131		0	3	
					12	13	1
ELTC-SEM4							
ELECTRONIC CIRCUITS III		CIRE 3132	CIRE 2132		2	2	
CODE FOR TECHNOLOGY		CODT 5131			0	0	2
COMPUTERS & NETWORKING II		COMP 6131	COMP 4131		2	2	
INDUSTRIAL CONTROLS II		CONT 3131	CONT 3123		2	2	
INTEGRATED AUTOMATION I		CONT 3141	CONT 3123	CONT 3131	2	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					11	8	2

Electronic Eng Technology (ELTY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ELTY-SEM1							
CAD FOR ELECTRICAL		CAD 1134			0	2	
DIGITAL FUNDAMENTALS		DGFN 1131			2	2	
ELECTRICITY I		ELEC 1131			3	2	
MATH & PHYSICS FOR TECH		STEM 1131			6	0	0
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
General Elective Credit	OPT1	GNED 0000			3	0	
					16	6	1
ELTY-SEM2							
CAD FOR ELECTRONICS I		CAD 1133	CAD 1134		0	2	
ELECTRONIC CIRCUITS I		CIRE 1131	ELEC 1131		2	2	
DIGITAL FUNDAMENTALS II		DGFN 2131	DGFN 1131		2	2	
ELECTRICITY II		ELEC 2131	ELEC 1131		2	2	
MATHEMATICS FOR TECHNOLOGY II		MATH 2131	STEM 1131		4	0	
PROGRAMMING FOR TECHNOLOGY I		TPRG 1131			0	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					13	10	

Electronic Eng Technology (ELTY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ELTY-SEM3							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
ELECTRONIC CIRCUITS II		CIRE 2132	CIRE 1131		3	2	
COMPUTERS AND NETWORKING I		COMP 4131			2	2	
INDUSTRIAL CONTROLS I		CONT 3123	CADD 2131, ELEC 2131		2	2	
MICROPROCESSORS I		MPRO 1131	DGFN 2131		1	2	
TELECOMMUNICATIONS I		SYSC 4131	CIRE 1131		2	2	
PROGRAMMING FOR TECHNOLOGY II		TPRG 2131	TPRG 1131		0	3	
					12	13	1
ELTY-SEM4							
ELECTRONIC CIRCUITS III		CIRE 3132	CIRE 2132		2	2	
CODE FOR TECHNOLOGY		CODT 5131			0	0	2
COMPUTERS & NETWORKING II		COMP 6131	COMP 4131		2	2	
INDUSTRIAL CONTROLS II		CONT 3131	CONT 3123		2	2	
INTEGRATED AUTOMATION I		CONT 3141	CONT 3123	CONT 3131	2	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					11	8	2

Electronic Eng Technology (ELTY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ELTY-SEM5						
ADVANCED ELECTRONICS - EMERGING TECHNOLOGIES	AEET 6101	DGFN 2131		0	2	
CIRCUIT ANALYSIS	CIRC 3131	CIRE 3132, ELEC 2131		2	2	
INSTRUMENTATION & CONTROL I	CONT 5131	CONT 3141		2	2	
SIGNALS AND SYSTEMS	DGSP 5101	TPRG 2131		2	2	
CALCULUS	MATH 3132	MATH 2131		4	0	
FIELD PLACEMENT	PLAC 1100			0	0	80
PRE-TECHNICAL PROJECT	PROJ 1301		PLAC 1100	1	0	
				11	8	80
ELTY-SEM6						
INSTRUMENTATION & CONTROL II	CONT 6131	CONT 5131		2	2	
EMBEDDED SYSTEMS	EMBS 6100	MPRO 1131		2	2	
FIELD PLACEMENT	PLAC 1100			0	0	80
STATISTICAL METHODS IN QUALITY CONTROL	STAT 3136	STEM 1131		2	1	
TELECOMMUNICATIONS II	SYSC 5131	SYSC 4131		2	2	
TECHNICAL PROJECT	TECH 6100	AEET 6101, DGSP 5101, MPRO 1131, PROJ 1301		0	2	1
				8	9	81

Environ Health and Safety Mgmt (EHSM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
EHSM-SEM1							
Environmental and Occupational Management Systems		EHSM 1001			3	0	
Industrial Process Safety Management		EHSM 1003			3	0	
Hazard and Risk Management		EHSM 1005			3	0	
Occupational Health and Safety Legislation		LAWW 1002			4	0	
Statistics for Environmental Management		MATH 1002			2	1	
					15	1	
EHSM-SEM2							
Industrial Occupational Hygiene and Toxicology		EHSM 2001			3	0	
Program Implementation and Evaluation		EHSM 2003			3	0	
Sampling and Testing Analysis		EHSM 2005			2	1	
Emergency Planning and Management		EHSM 2007			3	0	
Environmental Construction Safety		EHSM 2008			3	0	
Appl of Environ Epidemiology		EHSM 2009			3	0	
					17	1	
EHSM-SEM3							
Field Placement		EHSM 3001			0	0	224
					0	0	224

Environmental Technology (ENVT)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ENVT-SEM1							
Biology		BIOL 1131			2	2	
Chemistry 1		CHEM 1131		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
ENVIRONMENTAL SCIENCE		ENVI 2131			2	2	
Mathematics		MATH 1132			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					13	9	1
ENVT-SEM2							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
Organic Chemistry 1		CHEM 1202	TECH 1131		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
COMMUNITY & ENVIRONMENT		ENVI 3131	ENVI 2131		3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
FNMI Elective	OPT1	FNMI 0000			3	0	
					16	5	1
ENVT-SEM3							
Introductory Microbiology		BIOL 2100	BIOL 1131		2	2	1
Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
ECOLOGY		ENEC 2131			2	2	
Environmental Regulations		LAWW 2200			3	0	
ENVIRONMENTAL SAMPLING		QUAL 1132	ENVI 2131		2	2	
					11	9	1

Environmental Technology (ENVT)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ENVT-SEM4						
ENVIRONMENTAL CHEMISTRY	CHEM 3132	QUAL 1132		2	2	
Analytical Chemistry 2	CHEM 4131	CHEM 3131		2	3	
INTRODUCTION TO GIS & AUTOCAD	ENIG 3131			0	3	
General Elective Credit	GNED 0000			3	0	
ANALYTICAL INSTRUMENTATION	INST 2134	CHEM 2131, MATH 2132, ORGN 1131		2	2	
APPLIED ENVIRONMENTAL MICROBIOLOGY	MICR 2132	MICR 1131		2	2	1
				11	12	1
ENVT-SEM5						
Spectroscopy 1	CHEM 3105	CHEM 2206		2	2	
Chromatography 1	CHEM 3106	CHEM 2206		2	2	
TOPICS IN ENVIRONMENTAL SCIENCE	ENVI 3132	CHEM 3132		2	2	
ENVIRONMENTAL PROJECT MANAGEMENT	ETEP 5131	CHEM 3132	ENVI 3132	1	1	
General Elective Credit	GNED 0000			3	0	
FIELD PLACEMENT	PLAC 1100			0	0	80
INDUSTRIAL WASTE	WAST 3131			3	0	
				13	7	80

Environmental Technology (ENVT)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ENVT-SEM6							
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3106		2	2	
ENVIRONMENTAL ENGINEERING		ENGR 1131	ENVI 3132		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
URBAN ENVIRONMENTAL PLANNING		PLAN 3131	ENVI 2131		3	0	
ENVIRONMENTAL ENFORCEMENT		REGS 2131	REGS 1131		3	0	
ENVIRONMENTAL TOXICOLOGY		TOXI 1131	CHEM 3132		3	0	
					15	6	80

Environmental Technology - FT (ENVF)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ENVF-SEM1						
Introductory Microbiology	BIOL 2100	BIOL 1131		2	2	1
Fundamentals of Analytical and Organic Chemistry Spectroscopy 1	CHEM 1133		CHEM 3105	0	0	1
Chromatography 1	CHEM 3105	CHEM 2206		2	2	
TOPICS IN ENVIRONMENTAL SCIENCE	CHEM 3106	CHEM 2206		2	2	
ENVIRONMENTAL PROJECT MANAGEMENT	ENVI 3132	CHEM 3132		2	2	
Environmental Regulations	ETEP 5131	CHEM 3132	ENVI 3132	1	1	
ENVIRONMENTAL SAMPLING	LAWW 2200			3	0	
INDUSTRIAL WASTE	QUAL 1132	ENVI 2131		2	2	
	WAST 3131			3	0	
				17	11	2
ENVF-SEM2						
Spectroscopy 2	CHEM 3201	CHEM 3105		2	2	
Chromatography 2	CHEM 3202	CHEM 3106		2	2	
ENVIRONMENTAL ENGINEERING	ENGR 1131	ENVI 3132		2	2	
INTRODUCTION TO GIS & AUTOCAD	ENIG 3131			0	3	
APPLIED ENVIRONMENTAL MICROBIOLOGY	MICR 2132	MICR 1131		2	2	1
FIELD PLACEMENT	PLAC 1100			0	0	80
URBAN ENVIRONMENTAL PLANNING	PLAN 3131	ENVI 2131		3	0	
ENVIRONMENTAL ENFORCEMENT	REGS 2131	REGS 1131		3	0	
ENVIRONMENTAL TOXICOLOGY	TOXI 1131	CHEM 3132		3	0	
				17	11	81

Environmental Technology Co-op (ENVC)

Weekly Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
ENVC-SEM1							
Biology		BIOL 1131			2	2	
Chemistry 1		CHEM 1131		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
ENVIRONMENTAL SCIENCE		ENVI 2131			2	2	
Mathematics		MATH 1132			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					13	9	1
ENVC-SEM2							
Organic Chemistry 1		CHEM 1202	TECH 1131		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
COMMUNITY & ENVIRONMENT		ENVI 3131	ENVI 2131		3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
Co-op Work Term 1	COOP	ENVC 1000			0	0	420
FNMI Elective	OPT1	FNMI 0000			3	0	
					16	5	421
ENVC-SEM3							
Introductory Microbiology		BIOL 2100	BIOL 1131		2	2	1
Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
ECOLOGY		ENEC 2131			2	2	
Environmental Regulations		LAWW 2200			3	0	
ENVIRONMENTAL SAMPLING		QUAL 1132	ENVI 2131		2	2	
					11	9	1

Environmental Technology Co-op (ENVC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ENVC-SEM4							
Analytical Instrumentation		CHEM 2206	CHEM 1202		2	2	
ENVIRONMENTAL CHEMISTRY		CHEM 3132	QUAL 1132		2	2	
Analytical Chemistry 2		CHEM 4131	CHEM 3131		2	3	
INTRODUCTION TO GIS & AUTOCAD		ENIG 3131			0	3	
General Elective Credit		GNED 0000			3	0	
APPLIED ENVIRONMENTAL MICROBIOLOGY		MICR 2132	MICR 1131		2	2	1
Co-op Work Term 2	COOP	ENVC 2000			0	0	420
					11	12	421
ENVC-SEM5							
Spectroscopy 1		CHEM 3105	CHEM 2206		2	2	
Chromatography 1		CHEM 3106	CHEM 2206		2	2	
TOPICS IN ENVIRONMENTAL SCIENCE		ENVI 3132	CHEM 3132		2	2	
ENVIRONMENTAL PROJECT MANAGEMENT		ETEP 5131	CHEM 3132	ENVI 3132	1	1	
General Elective Credit		GNED 0000			3	0	
INDUSTRIAL WASTE		WAST 3131			3	0	
					13	7	

Environmental Technology Co-op (ENVC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
ENVC-SEM6							
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3106		2	2	
ENVIRONMENTAL ENGINEERING		ENGR 1131	ENVI 3132		2	2	
URBAN ENVIRONMENTAL PLANNING		PLAN 3131	ENVI 2131		3	0	
ENVIRONMENTAL ENFORCEMENT		REGS 2131	REGS 1131		3	0	
ENVIRONMENTAL TOXICOLOGY		TOXI 1131	CHEM 3132		3	0	
					15	6	

Health Care Technology Mgmt (HCTM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HCTM-SEM1							
HUMAN ANATOMY AND PHYSIOLOGY		ANAT 11001			3	0	
Communications 1: Critical Thinking and Writing		COMM 11010			3	0	
ELECTRICAL CIRCUITS FOR HEALTH CARE TECHNOLOGY		HCTM 11001			3	2	
INTRODUCTION TO HEALTH CARE TECHNOLOGY MANAGEMENT		HCTM 11002			3	0	
MATH FOR HEALTH CARE TECHNOLOGY MANAGEMENT		MATH 11003			3	0	
					15	2	
HCTM-SEM2							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
INTRODUCTION TO ECONOMICS		ECON 12004	MATH 11003		3	0	
FUNDAMENTALS OF DIGITAL ELECTRONICS		HCTM 12001	HCTM 11001		3	2	
BIOMEDICAL NOMENCLATURE AND DEVICES I		HCTM 12003	ANAT 11001, HCTM 11002		3	2	
PHYSICS FOR HEALTH CARE TECHNOLOGY MANAGEMENT		PHYS 12002	MATH 11003		3	0	
					15	4	
HCTM-SEM3							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
FINANCIAL MANAGEMENT AND ACCOUNTING		FINC 21001	MATH 11003		3	0	
BIOMEDICAL NOMENCLATURE AND DEVICES II		HCTM 21001	HCTM 12003		3	2	
MEDICAL ELECTRONICS I		HCTM 21002	HCTM 11001, HCTM 12001		3	2	
QUANTITATIVE METHODS IN HEALTH CARE MANAGEMENT I		HCTM 21003	MATH 11003		3	0	
					15	4	

Health Care Technology Mgmt (HCTM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HCTM-SEM4							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
BIOMATERIALS		HCTM 22001	ANAT 11001, PHYS 12002		3	0	
MEDICAL ELECTRONICS II		HCTM 22002	HCTM 21002		3	2	
QUANTITATIVE METHODS IN HEALTH CARE MANAGEMENT II		HCTM 22003	HCTM 21003		3	0	
CANADIAN HEALTH CARE SYSTEM		HCTM 22004	HCTM 11002		3	0	
					15	2	
HCTM-SEM5							
Communications II: Technical Communications and Reporting		COMM 31005			3	0	
HEALTH ECONOMICS		ECON 31003	HCTM 22003		3	0	
IT CONCEPTS IN HEALTH CARE TECHNOLOGY MANAGEMENT		HCTM 31001	HCTM 12001		2	1	
HEALTH CARE SYSTEM PROCESS IMPROVEMENT		HCTM 31002	HCTM 21003		3	0	
BIOMEDICAL INSTRUMENTATION RESEARCH AND DESIGN I		HCTM 31004	HCTM 22002	HCTM 31001	3	2	
					14	3	
HCTM-SEM6							
NETWORKING AND INFORMATION EXCHANGE		HCTM 32001	HCTM 31001, HCTM 31004		3	0	
HEALTH CARE RISK MANAGEMENT AND PATIENT SAFETY I		HCTM 32002	HCTM 21001		3	0	
PROJECT MANAGEMENT		HCTM 32003			3	0	
BIOMEDICAL INSTRUMENTATION RESEARCH AND DESIGN II		HCTM 32004	HCTM 31004		3	2	
PREPARING FOR PROFESSIONAL PRACTICE		HCTM 32006			0	0	
PRINCIPLES OF MARKETING AND SALES MANAGEMENT		MGMT 32005			3	0	
FIELD PLACEMENT	MOD3	HCTM 33001			0	0	420
					15	2	420

Health Care Technology Mgmt (HCTM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HCTM-SEM7							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
DIAGNOSTIC MEDICAL SYSTEMS I		HCTM 41001			3	2	
HEALTH CARE RISK MANAGEMENT AND PATIENT SAFETY II		HCTM 41002	HCTM 32002		3	0	
HEALTH CARE TECHNOLOGY ASSESSMENT AND MANAGEMENT PROJECT I		HCTM 41003			3	0	
HEALTH INFORMATICS AND ANALYTICS		HCTM 41004	HCTM 22003		3	0	
					15	2	
HCTM-SEM8							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
ETHICS/WORKPLACE PRACTICES		ETHC 42004	HCTM 33001		3	0	
DIAGNOSTIC MEDICAL SYSTEMS II		HCTM 42001	HCTM 41001		3	2	
HEALTH CARE TECHNOLOGY ASSESSMENT AND MANAGEMENT PROJECT II		HCTM 42003	HCTM 41003		3	0	
MANAGEMENT IN HEALTH CARE		HCTM 42004	HCTM 22004, HCTM 33001		3	0	
					15	2	

Hlth Care Tech Mgmt - Pathway (HCTF)

Weekly
Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
HCTF-SEM1							
BREADTH ELECTIVE CREDIT		BRTH 0000			3	0	
BREADTH ELECTIVE CREDIT		BRTH 0000			3	0	
Communications 1: Critical Thinking and Writing		COMM 11010			3	0	
FINANCIAL MANAGEMENT AND ACCOUNTING		FINC 21001	MATH 11003		3	0	
QUANTITATIVE METHODS IN HEALTH CARE MANAGEMENT I		HCTM 21003	MATH 11003		3	0	
					15	0	
HCTF-SEM2							
INTRODUCTION TO ECONOMICS		ECON 12004	MATH 11003		3	0	
BIOMATERIALS		HCTM 22001	ANAT 11001, PHYS 12002		3	0	
QUANTITATIVE METHODS IN HEALTH CARE MANAGEMENT II		HCTM 22003	HCTM 21003		3	0	
CANADIAN HEALTH CARE SYSTEM		HCTM 22004	HCTM 11002		3	0	
HEALTH CARE RISK MANAGEMENT AND PATIENT SAFETY I		HCTM 32002	HCTM 21001		3	0	
FIELD PLACEMENT	MOD3	HCTM 33001			0	0	420
					15	0	420
HCTF-SEM3							
Communications II: Technical Communications and Reporting		COMM 31005			3	0	
HEALTH ECONOMICS		ECON 31003	HCTM 22003		3	0	
HEALTH CARE SYSTEM PROCESS IMPROVEMENT		HCTM 31002	HCTM 21003		3	0	
HEALTH CARE RISK MANAGEMENT AND PATIENT SAFETY II		HCTM 41002	HCTM 32002		3	0	
HEALTH CARE TECHNOLOGY ASSESSMENT AND MANAGEMENT PROJECT I		HCTM 41003			3	0	
HEALTH INFORMATICS AND ANALYTICS		HCTM 41004	HCTM 22003		3	0	
					18	0	

Hlth Care Tech Mgmt - Pathway (HCTF)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HCTF-SEM4						
ETHICS/WORKPLACE PRACTICES	ETHC 42004	HCTM 33001		3	0	
PROJECT MANAGEMENT	HCTM 32003			3	0	
HEALTH CARE TECHNOLOGY ASSESSMENT AND MANAGEMENT PROJECT II	HCTM 42003	HCTM 41003		3	0	
MANAGEMENT IN HEALTH CARE	HCTM 42004	HCTM 22004, HCTM 33001		3	0	
PRINCIPLES OF MARKETING AND SALES MANAGEMENT	MGMT 32005			3	0	
				15	0	

Hon Bach of Const Mgmt WT (HBCW)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HBCW-SEM1							
Communications 1: Critical Thinking and Writing		COMM 11010			3	0	
Construction Methods, Materials, and Equipment		ENGR 11001			2	2	
Algebraic and Geometric Mathematics		MATH 11001			3	1	
Introduction to Construction Management		MGMT 11001			3	0	
Construction Estimating 1		MGMT 11002			1	2	
					12	5	
HBCW-SEM2							
Introduction to Architectural and Engineering Design		ARCH 12001			3	0	
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Business Foundations		COMR 12001			2	1	
Introduction to Calculus for Construction		MATH 12002	MATH 11001		3	1	
Construction Estimating 2		MGMT 12001	MGMT 11002		1	2	
					12	4	
HBCW-SEM3							
Building Information Modelling 1: Drafting and Drawings		ARCH 21001	ARCH 12001		0	3	
Communications II: Technical Communications and Reporting		COMM 31005			3	0	
Materials Science and Testing		ENGR 21001	ENGR 11001		2	2	
Construction Planning and Scheduling		MGMT 21001	ENGR 11001, MGMT 12001		0	3	
Foundations of Project Management		MGMT 21002			3	0	
					8	8	

Hon Bach of Const Mgmt WT (HBCW)

Weekly Breakdown

Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
HBCW-SEM4						
Building Information Modelling 2: Advanced	ARCH 22001	ARCH 21001, MGMT 21001		0	3	
Building Science and Systems	ARCH 22002	ENGR 11001		3	0	
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Building Structures	ENGR 22001	ENGR 11001		3	0	
Quality Assurance and Quality Control in Construction	ENGR 22002	MGMT 21001, MGMT 21002		3	0	
Field Placement Preparation	FDPL 22001	SPEC 0000		1	0	
Work Integrated Learning	HBCM 23000			0	0	420
				13	3	420
HBCW-SEM5						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Construction Organizational Behaviour	HURM 31001	COMR 12001		3	0	
Introduction to Construction Law	LAWW 31001			3	0	
Construction Costs and Bidding	MGMT 31001	MGMT 12001		2	2	
Research Methods	RSCH 31001			3	0	
				14	2	
HBCW-SEM6						
Project Accounting Control	ACCT 32000	MGMT 31001		2	2	
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Construction Project Financial Analysis	FINC 32000			3	0	
Work Integrated Learning	HBCM 33000			0	0	420
Building Codes and Regulations	LAWW 32000	ARCH 22002, ENGR 22001		3	0	
Management of Construction Sites	MGMT 32000	MGMT 21001		3	0	
				14	2	420

Hon Bach of Const Mgmt WT (HBCW)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HBCW-SEM7							
Sustainable Building Construction		ARCH 41000			3	0	
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Human Resources and Labour Relations Research		HURM 41000	MGMT 32000		2	2	
Construction Contract Administration and Law		LAWW 41000	LAWW 31001		3	0	
Business Management and Strategy		MGMT 41000	HURM 31001		3	0	
					14	2	
HBCW-SEM8							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Integrative Project Studio		HBCM 42000	RSCH 31001		1	3	
Construction Project Delivery Systems		MGMT 42000	LAWW 41000		3	0	
Leadership in Construction Project Management		MGMT 42001	HURM 41000		3	0	
Construction Supply Chain and Risk Management		SCMT 42000	MGMT 21001		3	0	
					13	3	

Hon Bach of Construction Mgmt (HBCM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HBCM-SEM1							
Communications 1: Critical Thinking and Writing		COMM 11010			3	0	
Construction Methods, Materials, and Equipment		ENGR 11001			2	2	
Algebraic and Geometric Mathematics		MATH 11001			3	1	
Introduction to Construction Management		MGMT 11001			3	0	
Construction Estimating 1		MGMT 11002			1	2	
					12	5	
HBCM-SEM2							
Introduction to Architectural and Engineering Design		ARCH 12001			3	0	
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Business Foundations		COMR 12001			2	1	
Introduction to Calculus for Construction		MATH 12002	MATH 11001		3	1	
Construction Estimating 2		MGMT 12001	MGMT 11002		1	2	
					12	4	
HBCM-SEM3							
Building Information Modelling 1: Drafting and Drawings		ARCH 21001	ARCH 12001		0	3	
Communications II: Technical Communications and Reporting		COMM 31005			3	0	
Materials Science and Testing		ENGR 21001	ENGR 11001		2	2	
Construction Planning and Scheduling		MGMT 21001	ENGR 11001, MGMT 12001		0	3	
Foundations of Project Management		MGMT 21002			3	0	
					8	8	

Hon Bach of Construction Mgmt (HBCM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HBCM-SEM4						
Building Information Modelling 2: Advanced	ARCH 22001	ARCH 21001, MGMT 21001		0	3	
Building Science and Systems	ARCH 22002	ENGR 11001		3	0	
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Building Structures	ENGR 22001	ENGR 11001		3	0	
Quality Assurance and Quality Control in Construction	ENGR 22002	MGMT 21001, MGMT 21002		3	0	
Field Placement Preparation	FDPL 22001	SPEC 0000		1	0	
				13	3	
HBCM-SEM5						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Construction Organizational Behaviour	HURM 31001	COMR 12001		3	0	
Introduction to Construction Law	LAWW 31001			3	0	
Construction Costs and Bidding	MGMT 31001	MGMT 12001		2	2	
Research Methods	RSCH 31001			3	0	
				14	2	
HBCM-SEM6						
Project Accounting Control	ACCT 32000	MGMT 31001		2	2	
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Construction Project Financial Analysis	FINC 32000			3	0	
Work Integrated Learning	HBCM 33000			0	0	420
Building Codes and Regulations	LAWW 32000	ARCH 22002, ENGR 22001		3	0	
Management of Construction Sites	MGMT 32000	MGMT 21001		3	0	
				14	2	420

Hon Bach of Construction Mgmt (HBCM)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HBCM-SEM7							
Sustainable Building Construction		ARCH 41000			3	0	
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Human Resources and Labour Relations Research		HURM 41000	MGMT 32000		2	2	
Construction Contract Administration and Law		LAWW 41000	LAWW 31001		3	0	
Business Management and Strategy		MGMT 41000	HURM 31001		3	0	
					14	2	
HBCM-SEM8							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Integrative Project Studio		HBCM 42000	RSCH 31001		1	3	
Construction Project Delivery Systems		MGMT 42000	LAWW 41000		3	0	
Leadership in Construction Project Management		MGMT 42001	HURM 41000		3	0	
Construction Supply Chain and Risk Management		SCMT 42000	MGMT 21001		3	0	
					13	3	

Honours Bachelor of AI (HBAI)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HBAI-SEM1						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Introduction to Artificial Intelligence	COSC 11000			3	0	
Introduction to Computer Programming	COSC 11001			3	0	
Introduction to Information Systems	INFT 11000			3	0	
Statistics	STAT 11000			3	0	
				15	0	
HBAI-SEM2						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Introduction to Data Science	COSC 12000	COSC 11001		3	0	
Programming for Artificial Intelligence	COSC 12001	COSC 11000, COSC 11001		3	0	
Discrete Math	MATH 12000			3	0	
Linear Algebra	MATH 12001			3	0	
				15	0	
HBAI-SEM3						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Introduction to Machine Learning	COSC 21000	COSC 12001, STAT 11000		3	0	
Data Structures and Algorithms	COSC 21001	MATH 12000		3	0	
Ethics and Privacy in Artificial Intelligence	ETHC 21000			3	0	
Calculus	MATH 21000			3	0	
				15	0	

Honours Bachelor of AI (HBAI)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HBAI-SEM4							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Machine Learning - Classification		COSC 22000	COSC 21000, MATH 21000		3	0	
Machine Learning - Regression		COSC 22001	COSC 21000, MATH 12001		3	0	
Data Management		INFT 22000	COSC 11001, COSC 21001		3	0	
Systems Analysis and Design		INFT 22001	INFT 11000		3	0	
					15	0	
HBAI-SEM5							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Introduction to Artificial Neural Networks		COSC 31000	COSC 21000, MATH 12001		3	0	
Data Visualization		COSC 31001	COSC 11001		3	0	
Human-Computer Interaction		COSC 31002			3	0	
Societal and Legal Issues in Artificial Intelligence		LAWW 31000	INFT 11000		3	0	
					15	0	
HBAI-SEM6							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Machine Learning - Clustering and Dimensionality Reduction		COSC 32000	COSC 21000, MATH 12001		3	0	
Computer Vision		COSC 32001	COSC 11001, MATH 12001, MATH 21000		3	0	
Natural Language Processing		COSC 32002	COSC 12001, STAT 11000		3	0	
Field Placement Preparation		FDPL 32000	SPEC 0000		1	0	
Field Placement - Degree		HBAI 33000	SPEC 0000		0	0	420
Research Methods		RSCH 32000			3	0	
					16	0	420

Honours Bachelor of AI (HBAI)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
HBAI-SEM7							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Advanced Neural Networks: Deep Learning for Sequential Analysis		COSC 41000	COSC 31000, COSC 32002		3	0	
Advanced Neural Networks: Deep Learning for Spatial Analysis		COSC 41001	COSC 31000, COSC 32001		3	0	
Deploying Artificial Intelligence Systems		INFT 41000			3	0	
Project Management		PJMT 41000			3	0	
					15	0	
HBAI-SEM8							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Reinforcement Learning		COSC 42000	COSC 21000, COSC 31000		3	0	
Special Topics: Agile Artificial Intelligence		HBAI 42000	INFT 41000, PGM 41000		3	0	
Capstone Project		HBAI 42001	COSC 31001, INFT 22001, INFT 41000		3	0	
Business Application of Artificial Intelligence		INFT 42000			3	0	
					15	0	

Mech Eng Non-Dest Fast-track (NDEF)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
NDEF-SEM1						
METALLURGY FOR NON-DESTRUCTIVE	METL 1132			2	3	
INTRODUCTION TO NON-DESTRUCTIVE TESTING	NDTE 1100		NDTE 1102	4	0	
NON-DESTRUCTIVE TESTING- LIQUID PENETRANT	NDTE 1102		NDTE 1100	1	2	
NON-DESTRUCTIVE TESTING- UT ULTRASONIC I	NDTE 3101	MATH 2133, PHYS 1131		3	1	
VISUAL TESTING	VISU 3100	NDTE 1100		2	2	
				12	8	
NDEF-SEM2						
TOPICS IN NDE	METO 4200			3	0	
NON DESTRUCTIVE TESTING - MAGNETIC PARTICLE	NDTE 2101	NDTE 1100		1	2	
NON-DESTRUCTIVE TESTING - ULTRASONIC II	NDTE 3102	NDTE 3101		3	3	
NON DESTRUCTIVE TESTING - EDDY CURRENT	NDTE 4101	ELEC 1133, MATH 2133, NDTE 1100		2	3	
RADIOGRAPHY & RADIATION SAFETY	RAD 4101	MATH 2133, NDTE 1100		5	0	
				14	8	

Mech Eng Non-Destructive Eval (NDE)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
NDE-SEM1							
ENGINEERING DRAWINGS		DRFT 1107			2	0	
MATHEMATICS FOR TECHNOLOGY I		MATH 1131			4	0	
INTRODUCTION TO NON-DESTRUCTIVE TESTING		NDTE 1100		NDTE 1102	4	0	
NON-DESTRUCTIVE TESTING-LIQUID PENETRANT		NDTE 1102		NDTE 1100	1	2	
PHYSICAL SCIENCE		PHYS 1131			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
General Elective Credit	OPT1	GNED 0000			3	0	
					19	2	1
NDE-SEM2							
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1132		2	2	
FLUID POWER I		FLUD 1131			2	1	
MATHEMATICS FOR NDE		MATH 2133	MATH 1131		4	0	
APPLIED MECHANICS		MECH 2103	PHYS 1131, STEM 1131		3	0	
NON DESTRUCTIVE TESTING - MAGNETIC PARTICLE		NDTE 2101	NDTE 1100		1	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					15	5	

Mech Eng Non-Destructive Eval (NDE)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
NDE-SEM3							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
MEASUREMENT I		MEAS 4134	DRFT 1107, MATH 1131		2	2	
METALLURGY FOR NON-DESTRUCTIVE		METL 1132			2	3	
NON-DESTRUCTIVE TESTING- UT ULTRASONIC I		NDTE 3101	MATH 2133, PHYS 1131		3	1	
VISUAL TESTING		VISU 3100	NDTE 1100		2	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					14	8	1
NDE-SEM4							
TOPICS IN NDE		METO 4200			3	0	
NON-DESTRUCTIVE TESTING - ULTRASONIC II		NDTE 3102	NDTE 3101		3	3	
NON DESTRUCTIVE TESTING - EDDY CURRENT		NDTE 4101	ELEC 1133, MATH 2133, NDTE 1100		2	3	
RADIOGRAPHY & RADIATION SAFETY		RAD 4101	MATH 2133, NDTE 1100		5	0	
STATISTICAL METHODS IN QUALITY CONTROL		STAT 3136	STEM 1131		2	1	
					15	7	

Mech Eng Technology Co-Op (MECC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
MECC-SEM1							
COMPUTER APPLICATIONS I		COMP 1101			0	2	
ENGINEERING DRAWINGS		DRFT 1107			2	0	
ENGINEERING GRAPHICS I		DRFT 1131			0	3	
MANUFACTURING SCIENCES		MANF 1131			1	3	
MATHEMATICS FOR TECHNOLOGY I		MATH 1131			4	0	
PHYSICAL SCIENCE		PHYS 1131			3	0	
					10	8	
MECC-SEM2							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
ENGINEERING GRAPHICS II		DRFT 2131	DRFT 1131		0	3	
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1132		2	2	
FLUID POWER I		FLUD 1131			2	1	
MATHEMATICS FOR TECHNOLOGY II		MATH 2131	STEM 1131		4	0	
APPLIED MECHANICS		MECH 2103	PHYS 1131, STEM 1131		3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
Co-op Work Term 1	COOP	MECC 1000			0	0	420
					15	6	422

Mech Eng Technology Co-Op (MECC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
MECC-SEM3							
CAD I		CAD 3132	DRFT 2131		0	4	
ENGINEERING DESIGN ELEMENTS		DRFT 3131	DRFT 2131		2	0	
FLUID POWER II		FLUD 2132	FLUD 1131		2	2	
FLUID MECHANICS		FLUD 4131	MECH 2103		3	0	
MANUFACTURING PROCESSES		MANF 3131	MANF 1131		3	0	
CALCULUS		MATH 3132	MATH 2131		4	0	
MECHANICS OF MATERIALS		MTRL 2132	MECH 2103		3	0	
					17	6	
MECC-SEM4							
CAD II		CAD 4132	CAD 3132		1	3	
CAM I		CAM 4132	CAD 3132, MANF 3131		1	2	
General Elective Credit		GNED 0000			3	0	
DYNAMICS OF MACHINES		MACH 3132	MECH 2103		3	0	
ENGINEERING DATA MANAGEMENT		SYSM 1131			2	1	
THERMODYNAMICS		THER 1101	FLUD 4131, MATH 3132		3	0	
Co-op Work Term 2	COOP	MECC 2000			0	0	420
					13	6	420

Mech Eng Technology Co-Op (MECC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
MECC-SEM5						
CAD III	CAD 5132	CAD 4132		0	4	
CAM II	CAM 5132	CAM 4132		1	3	
MEASUREMENT I	MEAS 4132	MANF 3131		2	2	
ENGINEERING MATERIALS	METL 1131			2	2	
STATISTICAL QUALITY CONTROL I	STAT 3134	MATH 2131		2	1	
TOOL DESIGN	TOOL 5131	CAD 4132		2	2	
				9	14	
MECC-SEM6						
ENGINEERING DESIGN PROJECT	CAD 6132	CAD 5132, MANF 1131		0	4	
MANUFACTURING AUTOMATION	CAM 6132	CAM 5132		1	3	
General Elective Credit	GNED 0000			3	0	
General Elective Credit	GNED 0000			3	0	
Measurement II	MEAS 5132	MEAS 4132		2	2	
MATERIALS AND THE ENVIRONMENT	METL 2131	METL 1131		2	2	
STATISTICAL QUALITY CONTROL II	STAT 4133	STAT 3134		2	1	
				13	12	

Mechanical Eng Technician (METC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
METC-SEM1							
COMPUTER APPLICATIONS I		COMP 1101			0	2	
ENGINEERING DRAWINGS		DRFT 1107			2	0	
ENGINEERING GRAPHICS I		DRFT 1131			0	3	
MANUFACTURING SCIENCES		MANF 1131			1	3	
MATHEMATICS FOR TECHNOLOGY I		MATH 1131			4	0	
PHYSICAL SCIENCE		PHYS 1131			3	0	
					10	8	
METC-SEM2							
ENGINEERING GRAPHICS II		DRFT 2131	DRFT 1131		0	3	
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1132		2	2	
FLUID POWER I		FLUD 1131			2	1	
MATHEMATICS FOR TECHNOLOGY II		MATH 2131	STEM 1131		4	0	
APPLIED MECHANICS		MECH 2103	PHYS 1131, STEM 1131		3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
General Elective Credit	OPT1	GNED 0000			3	0	
					16	6	1

Mechanical Eng Technician (METC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
METC-SEM3							
CAD I FOR TECHNICIANS		CAD 3135	DRFT 2131		1	3	
ENGINEERING DESIGN ELEMENTS		DRFT 3131	DRFT 2131		2	0	
MANUFACTURING PROCESSES		MANF 3131	MANF 1131		3	0	
MEASUREMENT I		MEAS 4134	DRFT 1107, MATH 1131		2	2	
ENGINEERING MATERIALS		METL 1131			2	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					13	7	
METC-SEM4							
CAD II FOR TECHNICIANS		CAD 4135	CAD 3135		1	3	
CAM I FOR TECHNICIANS		CAM 4131	CAD 3135, MANF 3131		1	2	
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
MATERIALS AND THE ENVIRONMENT		METL 2131	METL 1131		2	2	
STATISTICAL METHODS IN QUALITY CONTROL		STAT 3136	STEM 1131		2	1	
General Elective Credit	OPT1	GNED 0000			3	0	
					11	8	1

Mechanical Eng Technology (METY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
METY-SEM1						
COMPUTER APPLICATIONS I	COMP 1101			0	2	
ENGINEERING DRAWINGS	DRFT 1107			2	0	
ENGINEERING GRAPHICS I	DRFT 1131			0	3	
MANUFACTURING SCIENCES	MANF 1131			1	3	
MATHEMATICS FOR TECHNOLOGY I	MATH 1131			4	0	
PHYSICAL SCIENCE	PHYS 1131			3	0	
				10	8	
METY-SEM2						
ENGINEERING GRAPHICS II	DRFT 2131	DRFT 1131		0	3	
ELECTRICAL CONTROL FUNDAMENTALS	ELEC 1133	MATH 1132		2	2	
FLUID POWER I	FLUD 1131			2	1	
MATHEMATICS FOR TECHNOLOGY II	MATH 2131	STEM 1131		4	0	
APPLIED MECHANICS	MECH 2103	PHYS 1131, STEM 1131		3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY	TECH 1130			2	0	1
General Elective Credit	OPT1 GNE000			3	0	
				16	6	1

Mechanical Eng Technology (METY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
METY-SEM3						
CAD I	CAD 3132	DRFT 2131		0	4	
ENGINEERING DESIGN ELEMENTS	DRFT 3131	DRFT 2131		2	0	
FLUID POWER II	FLUD 2132	FLUD 1131		2	2	
FLUID MECHANICS	FLUD 4131	MECH 2103		3	0	
MANUFACTURING PROCESSES	MANF 3131	MANF 1131		3	0	
CALCULUS	MATH 3132	MATH 2131		4	0	
MECHANICS OF MATERIALS	MTRL 2132	MECH 2103		3	0	
				17	6	
METY-SEM4						
CAD II	CAD 4132	CAD 3132		1	3	
CAM I	CAM 4132	CAD 3132, MANF 3131		1	2	
CAREER PLANNING & DEVELOPMENT	CARR 2130	COMM 1100		2	0	1
General Elective Credit	GNED 0000			3	0	
DYNAMICS OF MACHINES	MACH 3132	MECH 2103		3	0	
ENGINEERING DATA MANAGEMENT	SYSM 1131			2	1	
THERMODYNAMICS	THER 1101	FLUD 4131, MATH 3132		3	0	
				15	6	1

Mechanical Eng Technology (METY)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
METY-SEM5							
CAD III		CAD 5132	CAD 4132		0	4	
CAM II		CAM 5132	CAM 4132		1	3	
MEASUREMENT I		MEAS 4132	MANF 3131		2	2	
ENGINEERING MATERIALS		METL 1131			2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
STATISTICAL QUALITY CONTROL I		STAT 3134	MATH 2131		2	1	
TOOL DESIGN		TOOL 5131	CAD 4132		2	2	
					9	14	80
METY-SEM6							
ENGINEERING DESIGN PROJECT		CAD 6132	CAD 5132, MANF 1131		0	4	
MANUFACTURING AUTOMATION		CAM 6132	CAM 5132		1	3	
General Elective Credit		GNED 0000			3	0	
Measurement II		MEAS 5132	MEAS 4132		2	2	
MATERIALS AND THE ENVIRONMENT		METL 2131	METL 1131		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
STATISTICAL QUALITY CONTROL II		STAT 4133	STAT 3134		2	1	
					10	12	80

Pharmaceutical Science (PHRS)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
PHRS-SEM1							
Microbiology		BIOL 1103			2	2	1
Principles of Analytic Chemistry		CHEM 1105			2	2	
Instrumental Analysis		CHEM 1106		CHEM 1105	2	2	
Technical Writing for Pharmaceutical Industry		COMM 1115		PHRM 1103, PHRM 1104	3	0	
Pharmacology		PHRM 1102			3	0	
Fundamentals of the Pharmaceutical Industry		PHRM 1103			2	2	
Good Manufacturing Practices		PHRM 1104		PHRM 1103	3	0	
					17	8	1
PHRS-SEM2							
Chromatography		CHEM 1203	CHEM 1105, CHEM 1106		2	2	
Spectroscopy		CHEM 1204	CHEM 1105, CHEM 1106		2	2	
Pharmaceutical Microbiology		PHRM 1201	BIOL 1103		2	2	
Pharmaceutical Quality Control and Quality Assurance		PHRM 1202	COMM 1115, PHRM 1104		3	0	
Advanced Pharmaceutics		PHRM 1203	CHEM 1105, CHEM 1106, PHRM 1103		2	2	
Biopharmaceuticals, Cannabis and Natural Health Products		PHRM 1204	PHRM 1103, PHRM 1104	PHRM 1202	3	0	
					14	8	
PHRS-SEM3							
Placement		PHRS 1300	SPEC 0000		0	0	280
					0	0	280

Water Quality Technician (WATR)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
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WATR-SEM1

CHEMISTRY FOR TECHNICIANS		CHEM 1100		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
HEALTH AND SAFETY		HLTH 1133			2	0	
Mathematics		MATH 1132			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
FNMI Elective	OPT1	FNMI 0000			3	0	
					14	5	1

WATR-SEM2

CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1132		2	2	
MATHEMATICS II FOR WATER TECHNICIANS		MATH 2125	MATH 1131		3	0	
WATER MICROBIOLOGY I		MICR 1135			2	2	1
REGULATIONS AND ENFORCEMENT		REGS 1133			3	0	
INTRO TO WATER AND WASTE WATER		WATR 1133	CHEM 1100		3	2	
					15	6	2

Water Quality Technician (WATR)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
WATR-SEM3							
General Elective Credit		GNED 0000			3	0	
WATER MICROBIOLOGY II		MICR 2135	MICR 1135		2	2	1
AUTOMATION FUNDAMENTALS		OPER 3133	ELEC 1133		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
WATER AND WASTEWATER ENGINEERING		WATR 2133	MATH 1132		2	2	
WATER HYDRAULICS		WATR 3133	WATR 1133		2	1	
WASTE WATER COLLECTION & TREATMENT		WATR 4133	WATR 1133		2	2	
					13	9	81
WATR-SEM4							
BUSINESS PRAC. & CUSTOMER SERV		BPCS 4131			2	0	
General Elective Credit		GNED 0000			3	0	
INSTRUMENTAL ANALYSIS		INST 1104	CHEM 1100		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
SYSTEM MAINTENANCE		WATR 5133	WATR 3133		1	3	
WATER TREATMENT & DISTRIBUTION		WATR 6133	WATR 1133		2	2	
TOPICS IN WATER QUALITY		WQTO 4133			2	0	
					12	7	80

Water Quality Technician Co-op (WTRC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
WTRC-SEM1							
CHEMISTRY FOR TECHNICIANS		CHEM 1100		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
HEALTH AND SAFETY		HLTH 1133			2	0	
Mathematics		MATH 1132			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
FNMI Elective	OPT1	FNMI 0000			3	0	
					14	5	1
WTRC-SEM2							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1132		2	2	
MATHEMATICS II FOR WATER TECHNICIANS		MATH 2125	MATH 1131		3	0	
WATER MICROBIOLOGY I		MICR 1135			2	2	1
REGULATIONS AND ENFORCEMENT		REGS 1133			3	0	
INTRO TO WATER AND WASTE WATER		WATR 1133	CHEM 1100		3	2	
Co-op Work Term 1	COOP	WTRC 1000	SPEC 0000		0	0	420
					15	6	422

Water Quality Technician Co-op (WTRC)

Weekly
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
WTRC-SEM3						
General Elective Credit	GNED 0000			3	0	
WATER MICROBIOLOGY II	MICR 2135	MICR 1135		2	2	1
AUTOMATION FUNDAMENTALS	OPER 3133	ELEC 1133		2	2	
WATER AND WASTEWATER ENGINEERING	WATR 2133	MATH 1132		2	2	
WATER HYDRAULICS	WATR 3133	WATR 1133		2	1	
WASTE WATER COLLECTION & TREATMENT	WATR 4133	WATR 1133		2	2	
				13	9	1
WTRC-SEM4						
BUSINESS PRAC. & CUSTOMER SERV	BPCS 4131			2	0	
General Elective Credit	GNED 0000			3	0	
INSTRUMENTAL ANALYSIS	INST 1104	CHEM 1100		2	2	
SYSTEM MAINTENANCE	WATR 5133	WATR 3133		1	3	
WATER TREATMENT & DISTRIBUTION	WATR 6133	WATR 1133		2	2	
TOPICS IN WATER QUALITY	WQTO 4133			2	0	
				12	7	

Wireless Telecomm - IoT (WIOT)

Weekly Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
WIOT-SEM1							
Digital Applications for IoT		COSC 1101			2	2	
Introduction to IoT Programming		COSC 1102			1	3	
Cloud Computing		COSC 1103			2	1	
IoT Electronics and Sensors		ELET 1101			3	3	
IoT Device Configuration and Communications		INFT 1107			2	2	
IoT Application and Design Proposal		WIOT 1100			1	2	
					11	13	
WIOT-SEM2							
IoT Programming		COSC 1201			2	3	
Graphic User Interface (GUI) Design		COSC 1202		COSC 1201	2	2	
Cloud Computing Advanced		COSC 1203			2	2	
Intelligent Sensors		ELET 1200			2	3	
Wireless Networks		INFT 1208			2	2	
IoT Application and Design Development		WIOT 1200			0	3	
					10	15	

NOTES:
OPT1/OPT2/OPT3 - OPTIONS - Students choose subjects. OPT1 subjects are included in total hours per week.
GNED - Courses with this Subject Code are "General Education" subjects, GNED 0000 you are required to choose a 'General Education Elective' that term when you register.
SPEC 0000 - when displays as a pre-requisite you are required to have passed all previous courses and have a GPA of 2.0.
COOP - the co-op work term takes place in the following semester (spring/summer).
MOD1/MOD2 - course is delivered over a portion of the semester.