

Program of Study Report

Term Code: 202143

Program: ARHY

Division: All

Report Output: pdf

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	TECH 1130		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

<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>
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

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.

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 - Science & Engineering Technology		COMM 1807			2	0	1
GENERAL ELECTIVE CREDIT		GNED 0000			3	0	
Mathematics		MATH 1132			3	0	
					14	7	1
BITY-SEM2							
INTRODUCTION TO BIOTECHNOLOGY		BIOT 1131	BIOL 1131		3	0	
CAREER PLANNING & DEVELOPMENT		CARR 2130	TECH 1130		2	0	1
Organic Chemistry 1		CHEM 1202	CHEM 1200		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	
					16	5	1
BITY-SEM3							
BIOCHEMISTRY I		BIOC 3131	BIOL 1131, CHEM 2131, ORGN 1131		2	3	
Introductory Microbiology		BIOL 2100	BIOL 1131		2	2	1
Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
GENERAL ELECTIVE CREDIT		GNED 0000			3	0	
					9	8	1

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	BIOL 2100		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	
Quality Control & Quality Assurance for Biotechnologists		BIOT 5132	BIOT 1131, MATH 2132		3	0	
Spectroscopy 1		CHEM 3105	CHEM 2206		2	2	
Chromatography 1		CHEM 3106	CHEM 2206		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
					12	12	81
BITY-SEM6							
Industrial Microbiology		BIOL 3201	BIOL 3105		2	2	1
Bio-regulations		BIOT 4131		BIOT 6131	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
					10	9	81

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Program of Study Report

Term Code: 202143

Program: BIOMEDICAL

Division: All

Report Output: pdf

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	TECH 1130		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
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-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

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Program of Study Report

Term Code: 202143

Program: BIOTEC ADV F

Division: SQ

Report Output: pdf

Biotechnology - Adv Fast Track (BTYF)

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>
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	CHEM 1133		CHEM 3105	0	0	1
Spectroscopy 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		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

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: CIVIL ENG TN

Division: All

Report Output: pdf

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-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	TECH 1130		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

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: CIVIL ENG TY

Division: All

Report Output: pdf

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	TECH 1130		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

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

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Program of Study Report

Term Code: 202143

Program: CHEMICAL ENG

Division: All

Report Output: pdf

Chemical Engin Technology (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 0000			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	CHEM 1200		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1131		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	
STATS FOR SCIENCE		STSC 3132	MATH 2132		0	2	1
					13	10	1

Chemical Engin Technology (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>
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CHEM-SEM4

CAREER PLANNING & DEVELOPMENT		CARR 2130	TECH 1130		2	0	1
Analytical Instrumentation		CHEM 2206	CHEM 1202		2	2	
Analytical Chemistry 2		CHEM 4131	CHEM 3131		2	3	
INDUSTRIAL CHEMISTRY		INDC 4100	PHYC 3100		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

NOTES:

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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.

Program of Study Report

Term Code: 202143

Program: CHEM LAB TEC

Division: All

Report Output: pdf

Chemical Laboratory Technician (CLBT)

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>
CLBT-SEM1						
Biology	BIOL 1131			2	2	
Chemistry 1	CHEM 1131		CHEM 1200	3	3	
Analytical Techniques	CHEM 1200			1	2	
Communication Foundations - Science & Engineering Technology	COMM 1807			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	CHEM 1200		3	2	
Chemistry 2	CHEM 2131	CHEM 1131, CHEM 1200		2	3	
Introduction to Food Science	FOOD 1203	BIOL 1131		3	0	
GENERAL ELECTIVE CREDIT	GNED 0000			3	0	
Mathematics 2	MATH 2132	MATH 1132		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 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

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: CLFS

Division: All

Report Output: pdf

Chemical Lab Tech - Food Sci (CLFS)

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>
CLFS-SEM1							
Biology		BIOL 1131			2	2	
Chemistry 1		CHEM 1131		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
Communication Foundations - Science & Engineering Technology		COMM 1807			2	0	1
GENERAL ELECTIVE CREDIT		GNED 0000			3	0	
Mathematics		MATH 1132			3	0	
					14	7	1
CLFS-SEM2							
Organic Chemistry 1		CHEM 1202	CHEM 1200		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
Career Planning and Development		CLFS 1200	COMM 1807		3	0	
Introduction to Food Science		FOOD 1203	BIOL 1131		3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
					14	5	
CLFS-SEM3							
Introductory Microbiology		BIOL 2100	BIOL 1131		2	2	1
Food Chemistry 1		CHEM 2105	CHEM 1202, CHEM 2131		2	3	
Organic Chemistry 2		CHEM 2106	CHEM 1202, CHEM 2131		2	3	
Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
Food Safety		FOOD 2200	FOOD 1203		3	0	
GENERAL ELECTIVE CREDIT		GNED 0000			3	0	
Statistics for Science		STAT 2201	MATH 2132		0	2	1
					14	13	2

Chemical Lab Tech - Food Sci (CLFS)

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>
CLFS-SEM4							
Food Microbiology		BIOL 2205	BIOL 2100		2	2	1
Food Chemistry 2		CHEM 2205	CHEM 2105		2	3	
Analytical Instrumentation		CHEM 2206	CHEM 1202		2	2	
Analytical Chemistry 2		CHEM 4131	CHEM 3131		2	3	
GENERAL ELECTIVE CREDIT		GNED 0000			3	0	
					11	10	1
CLFS-SEM5							
Diagnostic Microbiology		BIOL 3105	BIOL 2205		2	2	1
Spectroscopy 1		CHEM 3105	CHEM 2206		2	2	
Chromatography 1		CHEM 3106	CHEM 2206		2	2	
Field Placement		CLFS 3100			0	0	80
Processing Operations 1		FOOD 3100	CHEM 2205		3	2	
Functional Foods		FOOD 3101	CHEM 2205		3	0	
Food and Drug Laws Regulations		LAWW 3105	FOOD 1203		3	0	
					15	8	81

Chemical Lab Tech - Food Sci (CLFS)

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>
CLFS-SEM6							
Industrial Microbiology		BIOL 3201	BIOL 3105		2	2	1
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3106		2	2	
Field Placement		CLFS 3100			0	0	80
Processing Operations 2		FOOD 3201	FOOD 3100		2	2	
Quality Assurance and Quality Control		FOOD 3202	LAWW 3105		3	0	
Product Development		FOOD 3203	FOOD 3100, FOOD 3101, LAWW 3105		1	2	
					12	10	81

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: CTCC

Division: All

Report Output: pdf

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	

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: CTYC

Division: All

Report Output: pdf

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
COOP WORK PLACEMENT III	COOP	CTYC 3000			0	0	420
					11	9	840

Civil Eng Technology Co-op (CTYC)

Weekly Breakdown

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

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: EHSM

Division: All

Report Output: pdf

Environ Health and Safety Mana (EHSM)

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>
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

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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.

Program of Study Report

Term Code: 202143

Program: ELECTRON TN

Division: All

Report Output: pdf

Electronic Engin 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 Engin Technician (ELTC)

Weekly
Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
ELTC-SEM3							
CAREER PLANNING & DEVELOPMENT		CARR 2130	TECH 1130		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

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Program of Study Report

Term Code: 202143

Program: ELEC ENGTY

Division: All

Report Output: pdf

Electronic Engin 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 Engin 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	TECH 1130		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 Engin Technology (ELTY)

Weekly Breakdown

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

NOTES:

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: EMTC

Division: All

Report Output: pdf

Electromechan Eng Tech - Coop (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-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	

Electromechan Eng Tech - Coop (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	
Co-op Work Term	COOP	EMTC 1000			0	0	420
					13	6	423
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 2	COOP	EMTC 2000			0	0	420
					13	9	420

Electromechan Eng Tech - Coop (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-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	
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	0	
DYNAMICS OF MACHINES	MACH 3132	MECH 2103		3	0	
SCADA	SCAD 6100	AUTO 1100, CONT 4101		2	2	
				13	6	3

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Program of Study Report

Term Code: 202143

Program: ELE MECH TY

Division: All

Report Output: pdf

Electro-Mechanical Engin 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 Engin 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	TECH 1130		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 Engin 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-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	0	
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	6	83

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Program of Study Report

Term Code: 202143

Program: ENVC

Division: All

Report Output: pdf

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-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	CHEM 1200		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	
GENERAL ELECTIVE CREDIT		GNEC 0000			3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
Co-op Work Term 1	COOP	ENVC 1000			0	0	420
					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	

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Program of Study Report

Term Code: 202143

Program: ENVIRO TY F

Division: All

Report Output: pdf

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

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Program of Study Report

Term Code: 202143

Program: ENVIRO TY

Division: All

Report Output: pdf

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-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	TECH 1130		2	0	1
Organic Chemistry 1	CHEM 1202	CHEM 1200		3	2	
Chemistry 2	CHEM 2131	CHEM 1131, CHEM 1200		2	3	
COMMUNITY & ENVIRONMENT	ENVI 3131	ENVI 2131		3	0	
GENERAL ELECTIVE CREDIT	GNEC 0000			3	0	
Mathematics 2	MATH 2132	MATH 1132		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						
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
				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

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Program of Study Report

Term Code: 202143

Program: HBCM

Division: All

Report Output: pdf

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	
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	
				10	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	
Building Codes and Regulations	LAWW 32000	ARCH 22002, ENGR 22001		3	0	
Management of Construction Sites	MGMT 32000	MGMT 21001		3	0	
				14	2	

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Program of Study Report

Term Code: 202143

Program: HCTF

Division: All

Report Output: pdf

Hlth Care Tech Manage - Path (HCTF)

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>
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 Manage - Path (HCTF)

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>
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	

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Program of Study Report

Term Code: 202143

Program: HLTH CARE TY

Division: SQ

Report Output: pdf

Health Care Technology Managem (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		0	0	
QUANTITATIVE METHODS IN HEALTH CARE MANAGEMENT I		HCTM 21003	MATH 11003		3	0	
					12	2	

Health Care Technology Managem (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	
					15	2	

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Program of Study Report

Term Code: 202143

Program: MECC

Division: SQ

Report Output: pdf

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 1131		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	

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Program of Study Report

Term Code: 202143

Program: MEC ENG TN

Division: All

Report Output: pdf

Mechanical Engin 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 1131		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 Engin Technician (METC)

Weekly
Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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	TECH 1130		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

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: MEC ENG TY

Division: All

Report Output: pdf

Mechanical Engin 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-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 1131		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 Engin 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	TECH 1130		2	0	1
GENERAL ELECTIVE CREDIT	GNEC 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 Engin 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-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	GNEC 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

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: MEC ENG NDE

Division: All

Report Output: pdf

Mech Engin Non-Destruct 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 1131		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 Engin Non-Destruct Eval (NDE)

Weekly
Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
NDE-SEM3							
CAREER PLANNING & DEVELOPMENT		CARR 2130	TECH 1130		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	

NOTES:

OPT1/OPT2/OPT3 - OPTIONS - Students choose subjects. OPT1 subjects are included in total hours per week.

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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.

Program of Study Report

Term Code: 202143

Program: NDE FT

Division: All

Report Output: pdf

Mech Engin Non-DestFast 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	

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MOD1/MOD2 - course is delivered over a portion of the semester.

Program of Study Report

Term Code: 202143

Program: PHRS

Division: All

Report Output: pdf

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			3	0	
					14	8	
PHRS-SEM3							
Placement		PHRS 1300	SPEC 0000		0	0	230
					0	0	230

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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.

Program of Study Report

Term Code: 202143

Program: WATER QUAL

Division: All

Report Output: pdf

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-SEM1							
CHEMISTRY FOR TECHNICIANS		CHEM 1100		CHEM 1200	3	3	
Analytical Techniques		CHEM 1200			1	2	
GENERAL ELECTIVE CREDIT		GNED 0000			3	0	
HEALTH AND SAFETY		HLTH 1133			2	0	
Mathematics		MATH 1132			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					14	5	1
WATR-SEM2							
CAREER PLANNING & DEVELOPMENT		CARR 2130	TECH 1130		2	0	1
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1131		2	2	
MATHEMATICS II FOR WATER TECHNICIANS		MATH 2125	MATH 1109		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

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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 1109		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

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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.

Program of Study Report

Term Code: 202143

Program: WTRC

Division: All

Report Output: pdf

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	
GENERAL ELECTIVE CREDIT		GNED 0000			3	0	
HEALTH AND SAFETY		HLTH 1133			2	0	
MATHEMATICS FOR WATER QUALITY TECHNICIANS		MATH 1109			3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					14	5	1
WTRC-SEM2							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1131		2	2	
MATHEMATICS II FOR WATER TECHNICIANS		MATH 2125	MATH 1109		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

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
WTRC-SEM3							
GENERAL ELECTIVE CREDIT		GNE0 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 1109		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		GNE0 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	

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