Term Code: 202143 Program: ARHY Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Weekly Breakdown

## Architecture Technology (ARHY)

RHY-SEM1         ARCHITECTURAL CAD I       ATAC 1132       0       3         ARCHITECTURAL DRAFTING AND       ATAD 1131       0       5         DETAILING I       ON TARD BUILDING CODE AND       ATCM 1133       2       1         ONTARIO BUILDING CODE AND       ATOB 4135       2       0       1         OCCUPATIONAL HEALTH AND       ATOB 4135       2       0       1         OCCUPATIONAL HEALTH AND       ATOB 4135       3       0       1         MATHEMATICS FOR ARCHITECTURE       HIST 1130       3       0       1         TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY       TECH 1130       1       1       1						Lec		FP/Alt
ARCHITECTURAL CAD I       ATAC 1132       0       3         ARCHITECTURAL DRAFTING AND DETAILING I       ATAD 1131       0       5         CONSTRUCTION MATERIAL AND PROCESSES I       ATCM 1133       2       0       1         ONTARIO BUILDING CODE AND SAFETY ACT HISTORY OF ARCHITECTURE       ATOB 4135       2       0       1         MATHEMATICS FOR ARCHITECTURE       HIST 1130       3       0       1         MATHEMATICS FOR ARCHITECTURE       MATH 1161       4       0       1         RHY-SEM2       TECH 1130       1132, ATAD 1131       2       0       1         RHY-SEM2       TECH 1130       3       0       1 <th>Course Name</th> <th>Mod</th> <th>Code</th> <th>Prerequisites</th> <th>Corequisites</th> <th>Hrs</th> <th>Hrs</th> <th>Hrs</th>	Course Name	Mod	Code	Prerequisites	Corequisites	Hrs	Hrs	Hrs
ARCHITECTURAL DRAFTING AND       ATAD 1131       0       5         DETAILING I       ATCM 1133       2       1         CONSTRUCTION MATERIAL AND       ATCM 1133       2       0       1         ONTARIO BUILDING CODE AND OCCUPATIONAL HEALTH AND SAFETY ACT       ATOB 4135       2       0       1         ONTARIO BUILDING CODE AND OCCUPATIONAL HEALTH AND SAFETY ACT       HIST 1130       3       0       -         MATHEMATICS FOR ARCHITECTURE       HIST 1130       3       0       -       -         MATHEMATICS FOR ARCHITECTURE       MATH 1161       4       0       -         TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY       TECH 1130       -       -       -         RHY-SEM2       TECH 1130       ATAC 2132       ATAC 1132, ATAD 1131       0       3       -         RHY-SEM2       TECH 1130       ATAC 2132       ATAC 1132, ATAD 1131       0       5       -         RHY-SEM2       TATAC 2132       ATAC 1132, ATAD 1131       0       5       -       -         RHY-SEM2       TATAC 2132       ATAC 1132, ATAD 1131       0       5       -       -         ARCHITECTURAL CAD II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       -       - </td <td>ARHY-SEM1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	ARHY-SEM1							
DETAILING I       CONSTRUCTION MATERIAL AND       ATCM 1133       2       1         CONSTRUCTION MATERIAL AND       ATCM 1133       C       2       0       1         ONTARIO BUILDING CODE AND       ATOB 4135       2       0       1         SAFETY ACT       HIST 1130       3       0       1         MATHEMATICS FOR ARCHITECTURE       MATH 1161       4       0       1         TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY       TECH 1130       1       1       1         RHY-SEM2       ARCHITECTURAL CAD II       ATAC 2132       ATAC 1132, ATAD 1131       0       3       1         ARCHITECTURAL CAD II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       1       1         ARCHITECTURAL CAD II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       1       1         ARCHITECTURAL CAD II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       1	ARCHITECTURAL CAD I		ATAC 1132			0	3	
PROCESSES I       ATOB 4135       2       0       1         ONTARIO BUILDING CODE AND OCCUPATIONAL HEALTH AND SAFETY ACT       3       0       3       0         MATHEMATICS FOR ARCHITECTURE       HIST 1130       3       0       1         MATHEMATICS FOR ARCHITECTURE       MATH 1161       4       0       1         TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY       TECH 1130       2       0       1         RHY-SEM2       TECH 1130       2       0       3       2         ARCHITECTURAL CAD II       ATAC 2132       ATAC 1132, ATAD 1131       0       3       2         ARCHITECTURAL CAD II       ATAC 2132       ATAC 1132, ATAD 1131       0       5       3       0         ARCHITECTURAL CAD II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       5         ARCHITECTURAL CAD II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       5         APPLIED MATHEMATICS FOR ARCHITECTURE       ATAM 2135       MATH 1161       3       0       4         ONSTRUCTION MATERIALS AND PROCESSES II       BULD 1000       ATCM 3133       ATCM 1133, ATOB 4135       2       1         BUILDING SA S SYSTEM AND BUILDING SCIENCE       BULD 1000       3       0			ATAD 1131			0	5	
OCCUPATIONAL HEALTH AND SAFETY ACT 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         RHY-SEM2       TECH 1120       TAC 2132       ATAC 1132, ATAD 1131       0       3       0         ARCHITECTURAL CAD II       ATAC 2132       ATAC 1132, ATAD 1131       0       5       0       1         ARCHITECTURAL DRAFTING AND DETAILING II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       0       1         ARCHITECTURAL DRAFTING AND DETAILING II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       0       1         APPLIED MATHEMATICS FOR ARCHITECTURE       ATAM 2135       MATH 1161       3       0       1         APRCHITECTURE       ATAM 2135       MATH 1133, ATOB 4135       2       1       1         PROCESSES II       BULD 1000       EULD 1000       2       2       2       1         BUILDING S CIENCE       OPTI       GNED 0000       3       0       1			ATCM 1133			2	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         RHY-SEM2       TECH 1130       TECH 1132, ATAD 1131       13       9       2         RHY-SEM2       ARCHITECTURAL CAD II       ATAC 2132       ATAC 1132, ATAD 1131       0       3       0         ARCHITECTURAL DRAFTING AND DETAILING II       ATAD 2131       ATAC 1132, ATAD 1131       0       5       5         ARCHITECTURE       ATAM 2135       MATH 1161       3       0       5       5         APPLIED MATHEMATICS FOR ARCHITECTURE       ATCM 3133       ATCM 1133, ATOB 4135       2       1       5         BUILDING AS A SYSTEM AND BUILDING SCIENCE GENERAL ELECTIVE CREDIT       OPT1       GNED 0000       3       0       1	OCCUPATIONAL HEALTH AND		ATOB 4135			2	0	1
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGYTECH 11302011392RHY-SEM2ARCHITECTURAL CAD IIATAC 2132ATAC 1132, ATAD 113103ARCHITECTURAL DRAFTING AND DETAILING IIATAD 2131ATAC 1132, ATAD 113105APPLIED MATHEMATICS FOR ACCHITECTUREATAM 2135MATH 116130CONSTRUCTION MATERIALS AND PROCESSES IIATCM 3133ATCM 1133, ATOB 413521BUILDING AS A SYSTEM AND BUILD 1000BUILD 1000222GENERAL ELECTIVE CREDITOPT1GNED 00003			HIST 1130			3	0	
SCIENCE & TECHNOLOGY         13 9 2         RHY-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       5         CONSTRUCTION MATERIALS AND PROCESSES II       ATCM 3133       ATCM 1133, ATOB 4135       2       1         BUILDING AS A SYSTEM AND BUILDING SCIENCE       BULD 1000       2       2       2         GENERAL ELECTIVE CREDIT       OPT1       GNED 0000       3       0	MATHEMATICS FOR ARCHITECTURE		MATH 1161			4	0	
Image: Network service of the servi	TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
ARCHITECTURAL CAD IIATAC 2132ATAC 1132, ATAD 113103ARCHITECTURAL DRAFTING AND DETAILING IIATAD 2131ATAC 1132, ATAD 113105APPLIED MATHEMATICS FOR ARCHITECTUREATAM 2135MATH 116130CONSTRUCTION MATERIALS AND PROCESSES IIATCM 3133ATCM 1133, ATOB 413521BUILDING AS A SYSTEM AND BUILDING SCIENCEBULD 1000222GENERAL ELECTIVE CREDITOPT1GNED 000030						13	9	2
ARCHITECTURAL DRAFTING AND DETAILING IIATAD 2131ATAC 1132, ATAD 113105APPLIED MATHEMATICS FOR ARCHITECTUREATAM 2135MATH 116130CONSTRUCTION MATERIALS AND PROCESSES IIATCM 3133ATCM 1133, ATOB 413521BUILDING AS A SYSTEM AND BUILDING SCIENCEBULD 1000222GENERAL ELECTIVE CREDITOPT1GNED 000030	ARHY-SEM2							
DETAILING IIAPPLIED MATHEMATICS FOR ARCHITECTUREATAM 2135MATH 116130CONSTRUCTION MATERIALS AND PROCESSES IIATCM 3133ATCM 1133, ATOB 413521BUILDING AS A SYSTEM AND BUILDING SCIENCEBULD 100022GENERAL ELECTIVE CREDITOPT1GNED 000030	ARCHITECTURAL CAD II		ATAC 2132	ATAC 1132, ATAD 1131		0	3	
ARCHITECTURE         CONSTRUCTION MATERIALS AND       ATCM 3133       ATCM 1133, ATOB 4135       2       1         PROCESSES II       BUILD 1000       2       2       2         BUILDING AS A SYSTEM AND       BULD 1000       2       2         GENERAL ELECTIVE CREDIT       OPT1       GNED 0000       3       0			ATAD 2131	ATAC 1132, ATAD 1131		0	5	
PROCESSES IIBULD 100022BUILDING AS A SYSTEM AND BUILDING SCIENCEBULD 100022GENERAL ELECTIVE CREDITOPT1GNED 000030			ATAM 2135	MATH 1161		3	0	
BUILDING AS A SYSTEM AND BUILDING SCIENCEBUILD 100022GENERAL ELECTIVE CREDITOPT1GNED 000030	CONSTRUCTION MATERIALS AND		ATCM 3133	ATCM 1133, ATOB 4135		2	1	
	BUILDING AS A SYSTEM AND		BULD 1000			2	2	
10 11	GENERAL ELECTIVE CREDIT	OPT1	GNED 0000			3	0	
						10	11	

Sch of Science & Engineer Tech

07-JUN-2021

Weekly Breakdown

Architecture Technology (A	Weekly Breakdown						
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
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

Sch of Science & Engineer Tech

Architecture Technology (ARHY)

Weekly Breakdown

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Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
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		ATPR 5132	ATCM 4134		2	0	
BUILDINGS 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).

Sch of Science & Engineer Tech

31-MAY-2021

Biotechnology - Advanced (	E	Weekly Breakdown				
				Lec		FP/Alt
Course Name	Mod Code	Prerequisites	Corequisites	Hrs	Hrs	Hrs
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

Sch of Science & Engineer Tech

**Biotechnology - Advanced (BITY)** 

Weekly Breakdown

Biotechnology - Advanced (				E	Breakdo	own
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs		FP/A Hrs
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

NOTES:

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COOP - the co-op work term takes place in the following semester (spring/summer).

Term Code: 202143 Program: BIOMEDICAL Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Biomedical Eng Technology (BMTY)						Weekly Breakdown			
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs		
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			
MTY-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		

Sch of Science & Engineer Tech

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07-JUN-2021

Weekly

Biomedical Eng Technology (BMTY)							
Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs	
	BMDV 5131	BMDV 4131		2	2		
	CIRE 2132	CIRE 1131		3	2		
	COMP 4131			2	2		
	EDA 3100			0	3		
	MPRO 1131	DGFN 2131		1	2		
OPT1	GNED 0000			3	0		
				11	11		
	BMDV 6131	BMDV 5131		2	2		
	BMEC 5100	ELEC 2131		2	2		
	CARR 2130	TECH 1130		2	0	1	
	CIRE 3132	CIRE 2132		2	2		
	COMP 6131	COMP 4131		2	2		
				10	8	1	
	BMDL 5131	BIOL 1507, BMDV 4131		2	2		
	BMGM 5131	BMDV 5131		2	0		
	BMIN 5131	CIRE 3132, DGFN 2131		2	3		
	BMIS 5131	CIRE 3132		2	2		
	BMSS 6131	BMDV 5131		2	0		
OPT1	GNED 0000			3	0		
				13	7		
	OPT1	Mod       Code         BMDV 5131       CIRE 2132         COMP 4131       COMP 4131         EDA 3100       MPRO 1131         OPT1       GNED 0000         BMDV 6131       BMEC 5100         CARR 2130       CIRE 3132         COMP 6131       BMEC 5100         BMEL 5131       BMOL 5131         BMDL 5131       BMGM 5131         BMIN 5131       BMIN 5131         BMIS 5131       BMIS 5131	Mod         Code         Prerequisites           BMDV 5131         BMDV 4131           CIRE 2132         CIRE 1131           COMP 4131         EDA 3100           MPRO 1131         DGFN 2131           OPT1         GNED 0000           BMDV 6131         BMDV 5131           BMEC 5100         ELEC 2131           CARR 2130         TECH 1130           CIRE 3132         CIRE 2132           COMP 6131         BMDV 5131           BMDL 5131         BIOL 1507, BMDV 4131           BMGM 5131         BMDV 5131           BMIN 5131         CIRE 3132, DGFN 2131           BMIN 5131         CIRE 3132, DGFN 2131           BMIS 5131         CIRE 3132           BMIS 5131         BMDV 5131	Mod         Code         Prerequisites         Corequisites           BMDV 5131         BMDV 4131             CIRE 2132         CIRE 1131             COMP 4131         EDA 3100             MPRO 1131         DGFN 2131             OPT1         GNED 0000              BMDV 6131         BMDV 5131              BMEC 5100         ELEC 2131              CARR 2130         TECH 1130              CIRE 3132         CIRE 2132              COMP 6131         BIOL 1507, BMDV 4131              BMDL 5131         BIOL 1507, BMDV 4131              BMIN 5131         CIRE 3132, DGFN 2131              BMIS 5131         CIRE 3132         DGFN 2131             BMIS 5131         CIRE 3132               BMIS 5131         BMDV 5131	Mod         Code         Prerequisites         Corequisites         His           BMDV 5131         BMDV 4131         2         10         10         10         10         10         10         10         10         10         10         10         10         10         10	Mod         Code         Prerequisites         Corequisites         His         Hi	

Sch of Science & Engineer Tech

**Biomedical Eng Technology (BMTY)** 

Weekly Breakdown

		,					
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
MTY-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

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).

Term Code: 202143 Program: BIOTEC ADV F Division: SQ Report Output: pdf

Sch of Science & Engineer Tech

27-MAY-2021

#### **Biotechnology - Adv Fast Track (BTYF)**

Weekly Breakdown

Course NameModCodePrerequisitesBTYF-SEM1BIOL 2100BIOL 1131Introductory MicrobiologyBIOL 2100BIOL 1131PROTEIN TECHNIQUESBIOT 4133BIOC 3131, BIOT 1131CELL BIOLOGYBIOT 5131BIOT 3131Fundamentals of Analytical and Organic Chemistry Spectroscopy 1CHEM 1133CHEM 3105CHEM 2206	Corequisites CHEM 3105	Lec Hrs 2 1 2 0	Lab Hrs 2 4 2	FP/Alt Hrs
Introductory MicrobiologyBIOL 2100BIOL 1131PROTEIN TECHNIQUESBIOT 4133BIOC 3131, BIOT 1131CELL BIOLOGYBIOT 5131BIOT 3131Fundamentals of Analytical and Organic ChemistryCHEM 1133	CHEM 3105	1 2	4	1
PROTEIN TECHNIQUES     BIOT 4133     BIOC 3131, BIOT 1131       CELL BIOLOGY     BIOT 5131     BIOT 3131       Fundamentals of Analytical and Organic Chemistry     CHEM 1133	CHEM 3105	1 2	4	1
CELL BIOLOGYBIOT 5131BIOT 3131Fundamentals of Analytical and Organic ChemistryCHEM 1133	CHEM 3105	2		
Fundamentals of Analytical and CHEM 1133 Organic Chemistry	CHEM 3105		2	
	CHEM 3105	Ο		
		U	0	1
		2	2	
Chromatography 1 CHEM 3106 CHEM 2206		2	2	
		9	12	2
TYF-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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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).

Term Code: 202143 Program: CIVIL ENG TN Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

<b>Civil Engineering Technicia</b>	Weekly Breakdown						
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
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

Sch of Science & Engineer Tech

### **Civil Engineering Technician (CETC)**

Weekly Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs		
ETC-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		
ETC-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		

#### 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.

Term Code: 202143 Program: CIVIL ENG TY Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

## Civil Engineering Technology (CETY)

Weekly	
Breakdown	

					Breakdown		
Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs	
	CIVL 1101			3	1		
	CIVL 1111			0	3		
	CIVL 1112			2	2		
	CIVL 1113			3	0		
	CIVL 1114			1	2		
	TECH 1130			2	0	1	
OPT1	GNED 0000			3	0		
				14	8	1	
	CARR 2130	TECH 1130		2	0	1	
	CIVL 1201	CIVL 1101		3	1		
	CIVL 1211	CIVL 1111		0	3		
	CIVL 1212	CIVL 1101, CIVL 1113		2	2		
	CIVL 1213	CIVL 1113		2	2		
	CIVL 1214	CIVL 1114		1	2		
OPT1	GNED 0000			3	0		
				13	10	1	
	Mod OPT1	Mod       Code         CIVL 1101       CIVL 1101         CIVL 1111       CIVL 1111         CIVL 1112       CIVL 1113         CIVL 1113       CIVL 1114         TECH 1130       CIVL 1114         OPT1       GNED 0000         CIVL 1201       CIVL 1201         CIVL 1211       CIVL 1212         CIVL 1213       CIVL 1213         CIVL 1214       CIVL 1214	Mod         Code         Prerequisites           CIVL 1101         CIVL 1101         CIVL 1111           CIVL 1111         CIVL 1112         CIVL 1112           CIVL 1112         CIVL 1113         CIVL 1113           CIVL 1114         TECH 1130         CIVL 1114           TECH 1130         CIVL 101         CIVL 101           OPT1         GNED 0000         TECH 1130           CIVL 1201         CIVL 1101         CIVL 1201           CIVL 1211         CIVL 1101         CIVL 1113           CIVL 1212         CIVL 1101, CIVL 1113         CIVL 1213           CIVL 1214         CIVL 1114         CIVL 1114	Mod         Code         Prerequisites         Corequisites           CIVL 1101         CIVL 1101         CIVL 1111           CIVL 1111         CIVL 1112         CIVL 1112           CIVL 1112         CIVL 1113         CIVL 1113           CIVL 1114         TECH 1130         CIVL 1114           TECH 1130         CIVL 1114         CIVL 1201           CIVL 1201         CIVL 1101         CIVL 1201           CIVL 1211         CIVL 1101         CIVL 1211           CIVL 1212         CIVL 1101, CIVL 1113         CIVL 1213           CIVL 1214         CIVL 1114	Mod         Code         Prerequisites         Corequisites         Hers           CIVL 1101         3	Mod         Code         Prerequisites         Corequisites         Hes         He	

## Sch of Science & Engineer Tech

07-JUN-2021

Civil Engineering Technology (CETY)						Weekly Breakdown		
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs	
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	0		

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Sch of Science & Engineer Tech

**Civil Engineering Technology (CETY)** 

Weekly Breakdown

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

#### 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).

Term Code: 202143 Program: CHEMICAL ENG Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Weekly Breakdown

Lec

Hrs

Corequisites

Lab FP/Alt

Hrs Hrs

# Chemical Engin Technology (CHEM) Course Name Mod Code Prerequisites CHEM-SEM1 Outside 1 Outside 1 Outside 1

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

Sch of Science & Engineer Tech

## Chemical Engin Technology (CHEM)

07-JUN-2021

Weekly Breakdown

Chemical Engin Technology (Chemi)				Breakdown			
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs	
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 4	100 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 6	6100 MATL 1000		3	2		
NUCLEAR PHYSICS	NUCL	5100 CHEM 2131, MATH 2131		3	0		
FIELD PLACEMENT	PLAC	1100		0	0	80	
				-10			

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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).

Term Code: 202143 Program: CHEM LAB TEC Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Chemical Laboratory Technician (CLBT)

Weekly Breakdown

Chemical Laboratory Techn	iiciaii (CLDT)			E	sreakdo	wn
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Al Hrs
LBT-SEM1						
Biology	BIOL 1131			2	2	
Chemistry 1	CHEM 1131		CHEM 1200	3	3	
Analytical Techniques	CHEM 1200			1	2	
Communication Foundations - Science	COMM 1807			2	0	1
& Engineering Technology GENERAL ELECTIVE CREDIT	GNED 0000			3	0	
Mathematics	MATH 1132			3	0	
				14	7	1
CLBT-SEM2				14	'	1
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				14	5	
Food Microbiology for Technicians	BIOL 2200	BIOL 1131		2	2	1
Analytical Instrumentation for	CHEM 2200	CHEM 1202, CHEM 2131		3	3	
Technicians 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
	5171 2201					
				10	10	2

07-JUN-2021

## **Chemical Laboratory Technician (CLBT)**

Weekly	
Breakdown	

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

#### 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).

Term Code: 202143 Program: CLFS Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Chemical Lab Tech - Food S	Sci (CLFS)			E	Week Breakdo	ly own
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs		FP/Al Hrs
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

Sch of Science & Engineer Tech

Chemical Lab Tech - Food Sci (CLFS)

Weekly Breakdown

Chemical Lab Tech - Food Sci (GLFS)				Breakdown		
Mod Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs	
BIOL 2205	BIOL 2100		2	2	1	
CHEM 2205	CHEM 2105		2	3		
CHEM 2206	CHEM 1202		2	2		
CHEM 4131	CHEM 3131		2	3		
GNED 0000			3	0		
			11	10	1	
BIOL 3105	BIOL 2205		2	2	1	
CHEM 3105	CHEM 2206		2	2		
CHEM 3106	CHEM 2206		2	2		
CLFS 3100			0	0	80	
FOOD 3100	CHEM 2205		3	2		
FOOD 3101	CHEM 2205		3	0		
LAWW 3105	FOOD 1203		3	0		
			15	8	81	
	Mod       Code         BIOL 2205       CHEM 2205         CHEM 2205       CHEM 2206         CHEM 2206       CHEM 4131         GNED 0000       BIOL 3105         CHEM 3105       CHEM 3105         CHEM 3106       CLFS 3100         FOOD 3100       FOOD 3101	Mod         Code         Prerequisites           BIOL 2205         BIOL 2100         CHEM 2205         CHEM 2105           CHEM 2206         CHEM 1202         CHEM 1202         CHEM 4131         CHEM 3131           GNED 0000         BIOL 2205         CHEM 3131         CHEM 3131         CHEM 3131           BIOL 3105         BIOL 2205         CHEM 2206         CHEM 2206         CHEM 3131           CHEM 3105         CHEM 2205         CHEM 2206         CHEM 3106         CHEM 2206           CLFS 3100         CHEM 2205         FOOD 3100         CHEM 2205         FOOD 3101         CHEM 2205	Mod         Code         Prerequisites         Corequisites           BIOL 2205         BIOL 2100             CHEM 2205         CHEM 2105             CHEM 2206         CHEM 1202             CHEM 4131         CHEM 3131             GNED 0000              BIOL 3105         BIOL 2205             CHEM 3105         CHEM 2206             CHEM 3105         CHEM 2206             CLFS 3100              FOOD 3100         CHEM 2205             FOOD 3101         CHEM 2205	Mod         Code         Prerequisites         Lec         Hrs           BIOL 2205         BIOL 2100         2         2         2           CHEM 2205         CHEM 2105         2         2         2           CHEM 2206         CHEM 1202         2         2         2           CHEM 4131         CHEM 3131         2         2         3           GNED 0000         3         11         1         1           BIOL 3105         BIOL 2205         2         2         1           CHEM 3105         CHEM 2206         2         2         2           CHEM 3106         CHEM 2206         2         2         2           CHEM 3106         CHEM 2206         2         2         2         2           CLFS 3100         0         0         0         0         0         3         3           FOOD 3100         CHEM 2205         3         3         3         3         3         3           LAWW 3105         FOOD 1203         3         3         3         3	Mod         Code         Prerequisites         Corequisites         Hes         Hes           BIOL 2205         BIOL 2100         2         2         2         3           CHEM 2205         CHEM 2105         2         3         2         2         3           CHEM 2206         CHEM 1202         2         2         2         2         2         2         2         2         2         3         3         0         2         3         3         0         3         0         3         0         11         10	

Sch of Science & Engineer Tech

07-JUN-2021

Chemical Lab Tech - Food Sci (CLFS)

Weekly Breakdown

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

#### 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).

Term Code: 202143 Program: CTCC Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Civil Eng Technician Co-op		Weekly Breakdown					
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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

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#### Sch of Science & Engineer Tech

## **Civil Eng Technician Co-op (CTCC)**

07-JUN-2021

Weekly Breakdown

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

#### 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).

Term Code: 202143 Program: CTYC Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Civil Eng Technology Co-or	Weekly Breakdown					
Course Name	Mod	Code	Prerequisites Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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

Sch of Science & Engineer Tech

### Civil Eng Technology Co-op (CTYC)

07-JUN-2021

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

#### Sch of Science & Engineer Tech

### Civil Eng Technology Co-op (CTYC)

07-JUN-2021

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		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

#### 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.

Term Code: 202143 Program: EHSM Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

#### **Environ Health and Safety Mana (EHSM)**

Weekly	
Breakdown	

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Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
HSM-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	
HSM-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	
HSM-SEM3						
Field Placement	EHSM 3001			0	0	224
				0	0	224

NOTES:

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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.

Term Code: 202143 Program: ELECTRON TN Division: All Report Output: pdf

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07-JUN-2021

Electronic Engin Technicia	SEM1       CAD 1134         D FOR ELECTRICAL       CAD 1134         GITAL FUNDAMENTALS       DGFN 1131         ECTRICITY I       ELEC 1131         ATH & PHYSICS FOR TECH       STEM 1131         SCHNICAL REPORT WRITING FOR       TECH 1130         DIENCE & TECHNOLOGY       OPT1         GNED 0000       SEM2         SEM2       CAD 1133         CAD 1131       ELEC 1131         ECTRONIC CIRCUITS I       CIRE 1131					Weekly Breakdown			
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs		
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			

Sch of Science & Engineer Tech

#### Electronic Engin Technician (ELTC)

07-JUN-2021

Weekly Breakdown

						Breakdown		
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs	
LTC-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		TPRG 2131	TPRG 1131		0	3		
					12	13	1	
LTC-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	

#### 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.

Term Code: 202143 Program: ELEC ENGTY Division: All Report Output: pdf

Sch of Science & Engineer Tech

Electronic Engin Technology (ELTY)

07-JUN-2021

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

Sch of Science & Engineer Tech

### Electronic Engin Technology (ELTY)

07-JUN-2021

	nic Engin Technology (ELTT)				Breakdown		
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
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		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

Sch of Science & Engineer Tech

#### Electronic Engin Technology (ELTY)

07-JUN-2021

Weekly Breakdown

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Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
ELTY-SEM5						
ADVANCED ELECTRONICS - EMERGING TECHNOLOGIES	AEET 6	0101 DGFN 2131		0	2	
CIRCUIT ANALYSIS	CIRC 3	131 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 1	100		0	0	80
PRE-TECHNICAL PROJECT	PROJ <sup>2</sup>	1301	PLAC 1100	1	0	
				11	8	80
LTY-SEM6						
INSTRUMENTATION & CONTROL II	CONT	6131 CONT 5131		2	2	
EMBEDDED SYSTEMS	EMBS	6100 MPRO 1131		2	2	
FIELD PLACEMENT	PLAC 1	100		0	0	80
STATISTICAL METHODS IN QUALITY CONTROL	STAT 3	3136 STEM 1131		2	1	
TELECOMMUNICATIONS II	SYSC	5131 SYSC 4131		2	2	
TECHNICAL PROJECT	TECH	6100 AEET 6101, DGSP 5101, M	PRO 1131, PROJ 1301	0	2	1
				8	9	81

#### 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.

Term Code: 202143 Program: EMTC Division: All Report Output: pdf

## Sch of Science & Engineer Tech

07-JUN-2021

Electromechan Eng Tech - Coop (EMTC)

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Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
MTC-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
MTC-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	

Sch of Science & Engineer Tech

07-JUN-2021

Electromechan Eng Tech - Coop (EMTC)

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

Sch of Science & Engineer Tech

Weekly Breakdown

07-JUN-2021

#### **Electromechan Eng Tech - Coop (EMTC)**

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

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.

Term Code: 202143 Program: ELE MECH TY Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

## Electro-Mechanical Engin Tech (EMTY)

	<b>\</b> /						
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs	
MTY-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	
MTY-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		

Sch of Science & Engineer Tech

07-JUN-2021

Weeklv

Electro-Mechanical Engin Te	Electro-Mechanical Engin Tech (EMTY)						
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs	
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

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
MTY-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

#### 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.

Term Code: 202143 Program: ENVC Division: All Report Output: pdf

## Sch of Science & Engineer Tech

07-JUN-2021

Environmental Technology Co-Op (ENVC)

Biology         BIOL 1131         CHEM 1200         3         3           Analytical Techniques         CHEM 1200         1         2         2           Analytical Techniques         CHEM 1200         1         2         2           Inditermatics         ENVIRONMENTAL SCIENCE         2         2         2           Mathematics         MATH 1132         3         0         1           TECHNICAL REPORT WRITING FOR SCIENCE & TECHNICALS         TECH 1130         2         0         1           VESSEX         TECH 1120         CHEM 1202         CHEM 1202         0         1           Organic Chemistry 1         CHEM 1202         CHEM 1200         3         2         1           Co-OP AND CAREER PREPARATION         COP 1000         2         3         1         1           COMMUNITY & ENVIRONMENT         ENV 1313         ENV1213         1         1         1           GENERAL ELECTIVE CREDIT         GNED 0000         3         0         1         1           Mathematics 2         MATH 132         MATH 132         3         0         1           Geop Work Term 1         COOP         ENV 1001         1         0         1         1 <th></th> <th></th> <th></th> <th></th> <th></th> <th>L</th> <th>Jieanut</th> <th>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</th>						L	Jieanut	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Biology     BIOL 1131     CHEM 1131     CHEM 1200     3     3       Chemistry 1     CHEM 1200     1     2     2       ENVIRONMENTAL SCIENCE     ENVI 2131     2     2     2       Mathematics     MATH 1132     1     2     2     1       TECHNICAL REPORT WRITING FOR     RATH 1132     1     2     2     1       Organic Chemistry 1     CHEM 1200     3     0     1       Organic Chemistry 1     CHEM 1202     CHEM 1200     3     0     1       CO-OP AND CAREER PREPARATION     COOP 1000     2     3     1     1       CO-OP AND CAREER PREPARATION     COOP 1000     2     0     1       CO-OP AND CAREER PREPARATION     ENVI 3131     ENVI 2131     3     0     1       CO-OP AND CAREER PREPARATION     ENVI 3131     ENVI 2131     3     0     1       CO-OP AND CAREER PREPARATION     ENVI 3131     ENVI 3131     0     1     1       CO-OP AND CAREER PREPARATION     ENVI 3131     ENVI 3131     0     1     1       Co-OP Work Term 1     COOP     ENVI 3131     ENVI 3131     0     1       Co-OP Work Term 1     COOP     ENVI 3131     ENVI 3131     2     2     1       <	Course Name	Mod	Code	Prerequisites	Corequisites			
Analytical Techniques       CHEM 1131       CHEM 1200       3       3         Analytical Techniques       CHEM 1200       1       2         ENVIRONMENTAL SCIENCE       ENVI 2131       2       2         Mathematics       MATH 1132       2       3       0         TECHNICAL REPORT WRITING FOR       RECH 1130       2       1       2       1         Organic Chemistry 1       CHEM 1202       CHEM 1200       2       0       1         Organic Chemistry 1       CHEM 1202       CHEM 1200       3       2       1         CO-OP AND CAREER PREPARATION       COOP 1000       2       3       1       1         COMMUNITY & ENVIRONMENT       ENVI 311       ENVI 2131       ENVI 2131       3       0       1         GENERAL ELECTIVE CREDIT       GNED 0000       3       3       0       1       1         GENERAL ELECTIVE CREDIT       GNED 1000       3       0       1       1       1       1         Mathematics 2       MATH 2132       MATH 1132       MATH 2132       1       1       1       1       1       1         Co-op Work Term 1       COOP       ENV 2131       ENVIEND       2       2       1 <td>ENVC-SEM1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	ENVC-SEM1							
Analytical Chemistry 1       CHEM 1200       1       2         ENVIRONMENTAL SCIENCE       ENV12131       2       2         Mathematics       MATH 1132       3       0         TECHNICA REPORT WRITING FOR       TECH 1130       1       1       9       1         TECHNICA REPORT WRITING FOR       TECH 1130       CHEM 1202       CHEM 1200       3       1         VOTASEM       CHEM 1202       CHEM 1200       3       2       1         Organic Chemistry 1       CHEM 1202       CHEM 1200       3       2       1         CO-OP AND CAREER PREPARATION       CHEM 1201       CHEM 1201       3       0       1         COMMUNITY & ENVIRONMENT       ENVI 2131       ENVI 2131       3       0       1         CO-OP MOR CAREER PREPARATION       GNED 0000       GNED 0000       3       0       1         Mathematics 2       MATH 1132       MATH 1132       3       0       1       1         Co-op Work Term 1       COOP       ENVI 2010       MATH 1132       3       0       1         Mathematics 2       MATH 2132       MATH 1132       3       0       1       1         Toroutory Microbiology       BIOL 1200       B	Biology		BIOL 1131			2	2	
NURRONMENTAL SCIENCE         ENV 2131         2         2           Mathematics         MATH 1132         3         0           TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY         TECH 1130         1 <td>Chemistry 1</td> <td></td> <td>CHEM 1131</td> <td></td> <td>CHEM 1200</td> <td>3</td> <td>3</td> <td></td>	Chemistry 1		CHEM 1131		CHEM 1200	3	3	
Mathematics       MATH 1132       3       0         TECHNOLOGY       TECH 1130       2       0       1         TO grain Chemistry 1       CHEM 1202       CHEM 1200       3       2       1         Organic Chemistry 1       CHEM 1202       CHEM 1201       3       2       3       1         Co-OP AND CAREER PREPARATION       COOP 1000       2       3       0       1         CO-OP AND CAREER PREPARATION       COOP 1000       2       0       1       1         GENERAL ELECTIVE CREDIT       ENVI 3131       ENVI 2131       AntH 1132       3       0       1         GENERAL ELECTIVE CREDIT       GNED 0000       3       0       1       2       420       1         Mathematics 2       MATH 2132       MATH 1132       MATH 1132       3       0       1         Co-op Work Term 1       COOP       ENVI 2131       MATH 1132       3       0       1         Mathematics 2       MATH 2132       MATH 1132       MATH 1132       1       1       1         Introductory Microbiology       ENVI 2100       BIOL 2100       BIOL 2100       1       1       1         Analytical Chemistry 1       CHEM 1313       CHEM 12	Analytical Techniques		CHEM 1200			1	2	
TECH 1130     1       TECH 1130     1       13     9       13     9       14     9       15     9       15     9       16     9       17     9       18     9       19     10       10     10       10     11       10     11       11     11       11     11       11     11       12     11       13     12       14     12       15     12       16     12       17     13       18     11       19     11       10     11       11     11       11     11       11     11       11     11       11     11       11     11       11     11       11     11       11     11       11     11       11     11       11     11       11     11       12     12       13     12       14     12       14     12       15<	ENVIRONMENTAL SCIENCE		ENVI 2131			2	2	
SCIENCE & TECHNOLOGY       13       9       1         VVC-SEM2	Mathematics		MATH 1132			3	0	
NVC-SEM2Organic Chemistry 1CHEM 1202CHEM 120032Chemistry 2CHEM 213CHEM 1200233CO-OP AND CAREER PREPARATIONCOOP 1000211COMMUNITY & ENVIRONMENTENVI 313ENVI 2131301GENERAL ELECTIVE CREDITGNED 00003011Mathematics 2MATH 2132MATH 1132301Co-op Work Term 1COOPENVC 10001111Mathematics 2MATH 2132MATH 1132011Co-op Work Term 1COOPENVC 10001111Mathematics 2ENVC 1000ENVC 10001111Mathematics 2ENVC 1000ENVC 10001111Co-op Work Term 1COOPENVC 100011111Introductory MicrobiologyEND 2000BIOL 113111	TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
Organic Chemistry 1CHEM 1202CHEM 120032Chemistry 2CHEM 2131CHEM 131, CHEM 12002331CO-OP AND CAREER PREPARATIONCOOP 1000ENVI 3131ENVI 2131301COMMUNITY & ENVIRONMENTSHED 0000SHED 00003011GENERAL ELECTIVE CREDITGNED 0000MATH 2132ATH 1132301Co-op Work Term 1COOPENVC 100011111The Co-op Work Term 1COOPENVC 1000111111Furderony MicrobiologyENVC 1000ENVC 10001111111Furderony MicrobiologyENS 2BIOL 1000BIOL 11012211<						13	9	1
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       GNED 0000       3       0       3       0         Mathematics 2       MATH 2132       MATH 1132       3       0       420         Co-op Work Term 1       COOP       ENVC 1000       1       0       420         Throductory Microbiology       BIOL 2100       BIOL 1131       2       2       1         Analytical Chemistry 1       CHEM 3131       CHEM 1200, CHEM 2131       2       2       1         Environmental Regulations       LAWW 2200       ENVI 2131       3       0       2       2         EnvironMENTAL SAMPLING       QUAL 1132       ENVI 2131       2       2       2       1	ENVC-SEM2							
CO-OP AND CAREER PREPARATION       COOP 1000       2       0       1         COMMUNITY & ENVIRONMENT       ENVI 3131       ENVI 2131       3       0         GENERAL ELECTIVE CREDIT       GNED 0000       3       0       1         Mathematics 2       MATH 2132       MATH 1132       3       0       10         Co-op Work Term 1       COOP       ENVC 1000       1       10       10       10         VC-SEM3       To COP       ENVC 1000       10       10       10       10       10         Introductory Microbiology       BIOL 2100       BIOL 1131       2       2       1         Analytical Chemistry 1       CHEM 3131       CHEM 1200, CHEM 2131       2       2       1         Ervironmental Regulations       LAWW 2200       ENVI 200       3       0       2       2         Environmental Regulations       QUAL 1132       ENVI 2131       2       2       2       2	Organic Chemistry 1		CHEM 1202	CHEM 1200		3	2	
COMMUNITY & ENVIRONMENTENVI 313ENVI 213130GENERAL ELECTIVE CREDITGNED 000030Mathematics 2MATH 2132MATH 113230Coop Work Term 1COOPENVC 10000420Term 1COOPENVC 1000165421Term 1COOPENVC 1000165421Term 1COOPENVC 1000165421Term 1COOPENVC 1000165421Term 1COOPENVC 1000165421Term 1COOPENVC 100013111Term 1CHEM 3131CHEM 12131231Analytical Chemistry 1CHEM 2131CHEM 121312322ENVIRONMENTAL SAMPLINGLAWW 2200ENVI21313022	Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
GENERAL ELECTIVE CREDITGNED 00030Mathematics 2MATH 2132MATH 113230Co-op Work Term 1COOPENVC 1000420Term 1COOPENVC 10010Term 1COOPENVC 10010Term 1COOPENVC 10010Term 1ENC 200ENC 1131Analytical Chemistry 1BIOL 2100BIOL 113122Analytical Chemistry 1CHEM 3131CHEM 1200, CHEM 213122ECOLOGYENEC 2131ENC 213122Environmental RegulationsLAWW 2200ENV 210130ENVIRONMENTAL SAMPLINGQUAL 1132ENV 213122	CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
Mathematics 2MATH 2132MATH 113230Co-op Work Term 1COOPENVC 10000420The Coop Work Term 1COOPENVC 1000165421The Coop Work Term 1ENVC 1000101010101010The Coop Work Term 1ENC 2000ENC 1000ENC 100010101010The Coop Work Term 1ENC 2100BIOL 1131CHEM 2131221Analytical Chemistry 1CHEM 3130CHEM 1200, CHEM 21312221ECOLOGYENEC 2131ENEC 21312221Environmental RegulationsLAWW 2200ENVI 2131222ENVIRONMENTAL SAMPLINGQUAL 1132ENVI 2131222	COMMUNITY & ENVIRONMENT		ENVI 3131	ENVI 2131		3	0	
Co-op Work Term 1       COOP       ENVC 1000       0       420         Info       16       5       421         VC-SEMS       BIOL 2100       BIOL 1131       2       2       1         Analytical Chemistry 1       CHEM 3131       CHEM 1200, CHEM 2131       2       3       2       1         ECOLOGY       ENEC 2131       CHEM 3130       CHEM 2200       2       2       2       2       2         Environmental Regulations       LAWW 2200       ENVIRONMENTAL SAMPLING       QUAL 1132       ENVIRONMENTAL SAMPLING       2       2       2	GENERAL ELECTIVE CREDIT		GNED 0000			3	0	
165421NVC-SEM3Introductory MicrobiologyBIOL 2100BIOL 1131221Analytical Chemistry 1CHEM 3131CHEM 1200, CHEM 21312323ECOLOGYENEC 2131ENEC 21312222Environmental RegulationsLAWW 2200LAWW 2200302ENVIRONMENTAL SAMPLINGQUAL 1132ENVI 2131222	Mathematics 2		MATH 2132	MATH 1132		3	0	
NVC-SEM3Introductory MicrobiologyBIOL 2100BIOL 1131221Analytical Chemistry 1CHEM 3131CHEM 1200, CHEM 213123222ECOLOGYENEC 2131LAWW 2200302222ENVIRONMENTAL SAMPLINGQUAL 1132ENVI 213122222	Co-op Work Term 1	COOP	ENVC 1000			0	0	420
Introductory MicrobiologyBIOL 2100BIOL 1131221Analytical Chemistry 1CHEM 3131CHEM 1200, CHEM 213123222ECOLOGYENEC 2131LAWW 2200130222ENVIRONMENTAL SAMPLINGQUAL 1132ENVI213122222						16	5	421
Analytical Chemistry 1CHEM 3131CHEM 1200, CHEM 213123ECOLOGYENEC 213122Environmental RegulationsLAWW 220030ENVIRONMENTAL SAMPLINGQUAL 1132ENVI 213122	ENVC-SEM3							
ECOLOGYENEC 213122Environmental RegulationsLAWW 220030ENVIRONMENTAL SAMPLINGQUAL 1132ENVI 213122	Introductory Microbiology		BIOL 2100	BIOL 1131		2	2	1
Environmental RegulationsLAWW 220030ENVIRONMENTAL SAMPLINGQUAL 1132ENVI 213122	Analytical Chemistry 1		CHEM 3131	CHEM 1200, CHEM 2131		2	3	
ENVIRONMENTAL SAMPLING QUAL 1132 ENVI 2131 2 2	ECOLOGY		ENEC 2131			2	2	
	Environmental Regulations		LAWW 2200			3	0	
11 9 1	ENVIRONMENTAL SAMPLING		QUAL 1132	ENVI 2131		2	2	
						11	9	1

Sch of Science & Engineer Tech

Environmental Technology Co-Op (ENVC)

07-JUN-2021

ivironmental recinology Co-Op (ENVC)				Breakdown			
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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
NVC-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

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Course Name	Mod	Code	Prerequisites	Corequisites		Lab FP/Alt Hrs Hrs
NVC-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

#### 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.

Term Code: 202143 Program: ENVIRO TY F Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Environmental Technology				Weekly Breakdown		
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
ENVF-SEM1						
Introductory Microbiology	BIOL 2100	BIOL 1131		2	2	1
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	
TOPICS IN ENVIRONMENTAL SCIENCE	ENVI 3132	CHEM 3132		2	2	
ENVIRONMENTAL PROJECT MANAGEMENT	ETEP 5131	CHEM 3132	ENVI 3132	1	1	
Environmental Regulations	LAWW 2200			3	0	
ENVIRONMENTAL SAMPLING	QUAL 1132	ENVI 2131		2	2	
INDUSTRIAL WASTE	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

NOTES:

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Term Code: 202143 Program: ENVIRO TY Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

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Environmental Technology	(ENVT)			E	Weekly Breakdown	
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
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
ENVT-SEM2				13	9	1
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	GNED 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	

Sch of Science & Engineer Tech

Environmental Technology (ENVT)

07-JUN-2021

				Dieakuowii		
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
Course Name	Mod Code	Prerequisites	Corequisites	1115	1113	1113
NVT-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
NVT-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

Sch of Science & Engineer Tech

Environmental Technology (ENVT)

Weekly Breakdown

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Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
NVT-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

#### 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.

Term Code: 202143 Program: HBCM Division: All Report Output: pdf

SchSkill Trd, Appr & Renew Tech

07-JUN-2021

### Hon Bach of Construction Mgmt (HBCM)

Weekly Breakdown

non bach of construction wynit (nbow)				Breakdown		
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab FP/Alt Hrs Hrs	
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	
IBCM-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	
IBCM-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	
				Q		

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### Prog

07-JUN-2021

Weekly Breakdown

Lec Hrs

Lab FP/Alt

Hrs Hrs

Program Of Study 2021-22	Program Of Study 2021-22 SchSkill Trd, Appr & Renew Tech							
Hon Bach of Construction Mg	gmt (HBCM)							
Course Name	Mod Code	Prerequisites	Corequisites					
HBCM-SEM4								
Building Information Modelling 2: Advanced	ARCH 22001	ARCH 21001, MGMT 21001						
BREADTH ELECTIVE CREDIT	BRTH 00000							
Building Structures	ENGR 22001	ENGR 11001						
Quality Assurance and Quality Control in Construction	ENGR 22002	MGMT 21001, MGMT 21002						
Field Placement Preparation	FDPL 22001	SPEC 0000						
HBCM-SEM5								
BREADTH ELECTIVE CREDIT	BRTH 00000							
Construction Organizational Behaviour	HURM 31001	COMR 12001						
Introduction to Construction Law	LAWW 31001							
Construction Costs and Bidding	MGMT 31001	MGMT 12001						
Research Methods	RSCH 31001							
HBCM-SEM6								
Project Accounting Control	ACCT 32000	MGMT 31001						
BREADTH ELECTIVE CREDIT	BRTH 00000							
Construction Project Financial Analysis	FINC 32000							
Work Integrated Learning	HBCM 33000							
Building Codes and Regulations	LAWW 32000	ARCH 22002, ENGR 22001						

MGMT 32000 MGMT 21001

Management of Construction Sites

 NOTES:

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

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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.

Term Code: 202143 Program: HCTF Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Weekly akdown

Hith Care Tech Manage - Path (HCTF)							Weekly Breakdown		
Course Name	Mod	Code	Prerequisites	С	prequisites	Lec Hrs		FP/Alt Hrs	
HCTF-SEM1									
BREADTH ELECTIVE CREDIT		BRTH 00000				3	0		
BREADTH ELECTIVE CREDIT		BRTH 00000				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		

Sch of Science & Engineer Tech

07-JUN-2021

Hith Care Tech Manage - Path (HCTF)

Weekly Breakdown

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Course Name	Mod (	Code	Prerequisites	Corequisites		Lab FP/Alt Hrs Hrs	
CTF-SEM4							
ETHICS/WORKPLACE PRACTICES	E	ETHC 42004	HCTM 33001		3	0	
PROJECT MANAGEMENT	ŀ	HCTM 32003			3	0	
HEALTH CARE TECHNOLOGY ASSESSMENT AND MANAGEMENT PROJECT II	ł	HCTM 42003	HCTM 41003		3	0	
MANAGEMENT IN HEALTH CARE	ŀ	HCTM 42004	HCTM 22004, HCTM 33001		3	0	
PRINCIPLES OF MARKETING AND SALES MANAGEMENT	٦	MGMT 32005			3	0	
					15	0	

NOTES:

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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).

Term Code: 202143 Program: HLTH CARE TY Division: SQ Report Output: pdf

# Sch of Science & Engineer Tech

27-MAY-2021

Health Care Technology Managem (HCTM)

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

## Sch of Science & Engineer Tech

27-MAY-2021

### Health Care Technology Managem (HCTM)

Health Care Technology Mai	ealth Care Technology Managem (HCTM)				Breakdown		
Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab FP/Alt Hrs Hrs		
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		
ICTM-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	HCTM 31002	HCTM 21003		3	0		
BIOMEDICAL INSTRUMENTATION RESEARCH AND DESIGN I	HCTM 31004	HCTM 22002	HCTM 31001	3	2		
				14	3		
ICTM-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		

NOTES:

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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).

Term Code: 202143 Program: MECC Division: SQ Report Output: pdf

Sch of Science & Engineer Tech

05-AUG-2021

Mech Eng Technology Co-o	p (ME	CC)			Weekly Breakdown			
Course Name	Mod	Code	Prerequisites C	Corequisites		Lab Hrs	FP/Alt Hrs	
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	

Sch of Science & Engineer Tech

Mech Eng Technology Co-op (MECC)

Weekly Breakdown

mech Eng rechnology co-o							
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
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	
CAMI		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

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Sch of Science & Engineer Tech

Mech Eng Technology Co-op (MECC)

Weekly Breakdown

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

#### 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.

Term Code: 202143 Program: MEC ENG TN Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Mechanical Engin Technicia	ın (ME	TC)			Weekly Breakdown			
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs	
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	

Sch of Science & Engineer Tech

### **Mechanical Engin Technician (METC)**

07-JUN-2021

Weekly Breakdown

	··· (···-				Breakdown			
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab FP/A Hrs Hrs		
IETC-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		
ETC-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		

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).

Term Code: 202143 Program: MEC ENG TY Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Weekly Breakdown

# Mechanical Engin Technology (METY)

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
IETY-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	
ETY-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
	OPT1	GNED 0000			3	0	
					16	6	1

Sch of Science & Engineer Tech

Mechanical Engin Technology (METY)

Weekly Breakdown

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Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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	
CAMI		CAM 4132	CAD 3132, MANF 3131		1	2	
CAREER PLANNING & DEVELOPMENT		CARR 2130	TECH 1130		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	
						_	

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Sch of Science & Engineer Tech

Mechanical Engin Technology (METY)

07-JUN-2021

Weekly Breakdown

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Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Al Hrs
ETY-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
ETY-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

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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).

Term Code: 202143 Program: MEC ENG NDE Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Weekly Breakdown

# Mech Engin Non-Destruct Eval (NDE)

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

Sch of Science & Engineer Tech

07-JUN-2021

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

Weekly
Breakdown

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

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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).

Term Code: 202143 Program: NDE FT Division: All Report Output: pdf

07-JUN-2021

Mech Engin Non-DestFast Track (NDEF)

Weekly Breakdown

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

#### 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).

Term Code: 202143 Program: PHRS Division: All Report Output: pdf

**Pharmaceutical Science (PHRS)** 

Sch of Science & Engineer Tech

07-JUN-2021

Weekly Breakdown

Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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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Term Code: 202143 Program: WATER QUAL Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Water Quality Technician (WATR)			Weekly Breakdown				
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
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)

Sch of Science & Engineer Tech

07-JUN-2021

Weekly Breakdown

water Quality Technician (WATR)			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
VATR-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

#### NOTES:

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Term Code: 202143 Program: WTRC Division: All Report Output: pdf

Sch of Science & Engineer Tech

07-JUN-2021

Water Quality Technician Co-op (WTRC)

water Quality reclinician co-op (write)				D	Breakdown		
Course Name	Mod	Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
VTRC-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
TRC-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

Sch of Science & Engineer Tech

07-JUN-2021

## Water Quality Technician Co-op (WTRC)

Weekly	
Breakdown	

			_		
Mod Code	Prerequisites	Corequisites	Lec Hrs		FP/Alt Hrs
GNED 0000			3	0	
MICR 2135	MICR 1135		2	2	1
OPER 3133	ELEC 1133		2	2	
WATR 2133	MATH 1109		2	2	
WATR 3133	WATR 1133		2	1	
WATR 4133	WATR 1133		2	2	
			13	9	1
BPCS 4131			2	0	
GNED 0000			3	0	
INST 1104	CHEM 1100		2	2	
WATR 5133	WATR 3133		1	3	
WATR 6133	WATR 1133		2	2	
WQTO 4133			2	0	
			12	7	
	Mod       Code         GNED 0000       MICR 2135         OPER 3133       OPER 3133         WATR 2133       WATR 3133         WATR 4133       WATR 4133         BPCS 4131       GNED 0000         INST 1104       WATR 5133         WATR 6133       WATR 6133	Mod         Code         Prerequisites           GNED 0000	Mod         Code         Prerequisites         Corequisites           GNED 0000         MICR 2135         MICR 1135            OPER 3133         ELEC 1133             WATR 2133         MATH 1109             WATR 3133         WATR 1133             BPCS 4131              INST 1104         CHEM 1100             WATR 5133         WATR 1133	Mod         Code         Prerequisites         Corequisites         Hrs           GNED 0000         3	Mod         Corequisites         Lec         Lab         Hrs         Hrs           GNED 0000         3         0           MICR 2135         MICR 1135         2         2           OPER 3133         ELEC 1133         2         2           WATR 2133         MATH 1109         2         2           WATR 3133         WATR 1133         2         1           WATR 4133         WATR 1133         2         2           WATR 4133         WATR 1133         2         2           BPCS 4131         2         0         3         0           INST 1104         CHEM 1100         2         2         2           WATR 5133         WATR 3133         1         3         3           WATR 6133         WATR 1133         2         2         2           WATR 5133         WATR 3133         1         3         3           WATR 6133         WATR 1133         2         2         2           WQTO 4133         VATR 1133         2         0

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