

# ***Program of Study Report***

*Term Code: 202343*

*Program: All*

*Division: FQ*

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AI Analysis, Design & Impl WT (AIDW)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>AIDW-SEM1</b>							
STUDIES IN ARTIFICIAL INTELLIGENCE		AIDI 1000			2	0	1
VISUALISATION AND DATA STORYTELLING		AIDI 1001			0	2	1
AI ALGORITHMS I		AIDI 1002			2	2	
CAPSTONE TERM I		AIDI 1003			2	0	2
INTRODUCTION TO AI DEVELOPMENT		AIDI 1100			1	2	1
APPLIED MATHEMATICS FOR AI SYSTEMS		MATH 1111			2	0	1
					<b>9</b>	<b>6</b>	<b>6</b>
<b>AIDW-SEM2</b>							
APPLIED MACHINE LEARNING AND ADVANCED AI SYSTEMS		AIDI 2000	AIDI 1002, AIDI 1100, MATH 1111		1	2	1
KNOWLEDGE AND EXPERT SYSTEMS		AIDI 2001	AIDI 1000, AIDI 1100		2	0	1
CAREERS AND DIGITAL PORTFOLIO		AIDI 2002			2	0	1
CONSULTING AND PROFESSIONAL COMMUNICATIONS		AIDI 2003	AIDI 1001		2	0	1
AI IN ENTERPRISE SYSTEMS		AIDI 2004	AIDI 1000, AIDI 1100		2	2	
CAPSTONE TERM II		AIDI 2005	AIDI 1003		2	0	2
					<b>11</b>	<b>4</b>	<b>6</b>
<b>AIDW-SEM W</b>							
Work Term 1		AIDW 1000	SPEC 0000		0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>

AI Analysis, Design and Implmn (AIDI)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>AIDI-SEM1</b>						
STUDIES IN ARTIFICIAL INTELLIGENCE	AIDI 1000			2	0	1
VISUALISATION AND DATA STORYTELLING	AIDI 1001			0	2	1
AI ALGORITHMS I	AIDI 1002			2	2	
CAPSTONE TERM I	AIDI 1003			2	0	2
INTRODUCTION TO AI DEVELOPMENT	AIDI 1100			1	2	1
APPLIED MATHEMATICS FOR AI SYSTEMS	MATH 1111			2	0	1
				<b>9</b>	<b>6</b>	<b>6</b>
<b>AIDI-SEM2</b>						
APPLIED MACHINE LEARNING AND ADVANCED AI SYSTEMS	AIDI 2000	AIDI 1002, AIDI 1100, MATH 1111		1	2	1
KNOWLEDGE AND EXPERT SYSTEMS	AIDI 2001	AIDI 1000, AIDI 1100		2	0	1
CAREERS AND DIGITAL PORTFOLIO	AIDI 2002			2	0	1
CONSULTING AND PROFESSIONAL COMMUNICATIONS	AIDI 2003	AIDI 1001		2	0	1
AI IN ENTERPRISE SYSTEMS	AIDI 2004	AIDI 1000, AIDI 1100		2	2	
CAPSTONE TERM II	AIDI 2005	AIDI 1003		2	0	2
				<b>11</b>	<b>4</b>	<b>6</b>

Architecture Technology (ARHY)

Weekly  
Breakdown

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

Architecture Technology (ARHY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ARHY-SEM3</b>							
ARCHITECTURAL DRAFTING AND DETAILING III		ATAD 3131	ATAD 2131		0	6	
BUILDING INFORMATION MODELLING I		ATBI 3135	ATAC 2132, ATAD 2131	ATBS 2134	0	4	
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	
					<b>15</b>	<b>11</b>	
<b>ARHY-SEM4</b>							
ARCHITECTURAL DRAFTING AND DETAILING IV		ATAD 4133	ATAD 3131		0	5	
BUILDING INFORMATION MODELLING II		ATBI 4132	ATBI 3135		0	3	
LAND USE AND SITE ANALYSIS AND PLANNING		ATLU 3136	ATBS 2134, ATCM 1133		3	0	
STRUCTURES II		ATST 3134	ATST 2133		3	0	
Career Planning & Development		CARR 2130	COMM 1100		2	0	1
Modern Architecture: History and Theory		HIST 2600			3	0	
General Elective Credit	OPT1	GNED 0000			3	0	
					<b>14</b>	<b>8</b>	<b>1</b>

Architecture Technology (ARHY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ARHY-SEM5</b>							
ARCHITECTURAL PROJECT I		ATAP 5131	ATAD 4133, ATCM 4134		2	0	6
BUILDING INFORMATION MODELLING III		ATBI 6134	ATBI 4132		0	4	
PRINCIPLES OF PROJECT MANAGEMENT		ATPP 5133	ATPE 3132		2	0	
PRESERVATION, REHABILITATION AND RESTORATION OF HERITAGE BUILDINGS		ATPR 5132	ATBI 4132, ATCM 4134		2	0	
WRITING CONSTRUCTION SPECS		ATWC 5134	ATCM 4134, TECH 1130		3	0	
DESIGN CONCEPTS FOR SUSTAINABLE BUILDING 1		EMDC 3000	ATCM 4134		3	0	
FIELD PLACEMENT		PLAC 1100			0	0	80
					<b>12</b>	<b>4</b>	<b>86</b>
<b>ARHY-SEM6</b>							
ARCHITECTURAL PROJECT II		ATAP 6133	ATAP 5131, ATBI 6134, ATPR 5132		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	ATBI 6134	ATAP 6133	2	0	
					<b>12</b>	<b>0</b>	<b>86</b>

Biomedical Eng Technology (BMTY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>BMTY-SEM1</b>						
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	
				<b>18</b>	<b>4</b>	
<b>BMTY-SEM2</b>						
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
				<b>14</b>	<b>10</b>	<b>1</b>

Biomedical Eng Technology (BMTY)

Weekly  
Breakdown

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



Biomedical Eng Technology (BMTY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>BMTY-SEM6</b>							
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	
					<b>13</b>	<b>7</b>	<b>200</b>

Biotechnology - Adv Fast Track (BTYF)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>BTYF-SEM1</b>							
Introductory Microbiology		BIOL 2100	BIOL 1131		2	2	1
PROTEIN TECHNIQUES		BIOT 4133	BIOC 3131, BIOT 1131		1	4	
CELL BIOLOGY		BIOT 5131	BIOT 3131		2	2	
Quality Control & Quality Assurance for Biotechnologists		BIOT 5132	BIOT 1131, MATH 2132		3	0	
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	
					<b>12</b>	<b>12</b>	<b>2</b>
<b>BTYF-SEM2</b>							
Industrial Microbiology		BIOL 3201	BIOL 3105		2	2	1
DNA TECHNIQUES		BIOT 3131	BIOL 2100, BIOT 1131		1	4	
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 3105, CHEM 3106		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
					<b>11</b>	<b>13</b>	<b>81</b>

Biotechnology - Advanced (BITY)

Weekly  
Breakdown

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

Biotechnology - Advanced (BITY)

Weekly  
Breakdown

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

BIOCHEMISTRY II		BIOC 4131	BIOC 3131		2	3	
Food Microbiology		BIOL 2205	MICR 1131		2	2	1
DNA TECHNIQUES		BIOT 3131	BIOL 2100, BIOT 1131		1	4	
Analytical Instrumentation		CHEM 2206	CHEM 1202, CHEM 2131		2	2	
Analytical Chemistry 2		CHEM 4131	CHEM 3131		2	3	
					<b>9</b>	<b>14</b>	<b>1</b>

**BITY-SEM5**

Diagnostic Microbiology		BIOL 3105	BIOL 2205		2	2	1
PROTEIN TECHNIQUES		BIOT 4133	BIOC 3131, BIOT 1131		1	4	
CELL BIOLOGY		BIOT 5131	BIOT 3131		2	2	
Spectroscopy 1		CHEM 3105	CHEM 2206		2	2	
Chromatography 1		CHEM 3106	CHEM 2206		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
					<b>9</b>	<b>12</b>	<b>81</b>

**BITY-SEM6**

Industrial Microbiology		BIOL 3201	BIOL 3105		2	2	1
Bio-regulations		BIOT 4131		BIOT 6131	3	0	
Quality Control & Quality Assurance for Biotechnologists		BIOT 5132	BIOT 1131, MATH 2132	BIOT 4131	3	0	
BIO-PROCESSING		BIOT 6131	BIOT 4133		1	3	
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3105, CHEM 3106		2	2	
FIELD PLACEMENT		PLAC 1100			0	0	80
					<b>13</b>	<b>9</b>	<b>81</b>

Chemical Engineering Tech (CHEM)

Weekly Breakdown

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

Chemical Engineering Tech (CHEM)

Weekly Breakdown

Course Name		Mod	Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
<b>CHEM-SEM4</b>								
Career Planning & Development			CARR 2130	COMM 1100		2	0	1
Analytical Instrumentation			CHEM 2206	CHEM 1202, CHEM 2131		2	2	
Analytical Chemistry 2			CHEM 4131	CHEM 3131		2	3	
INDUSTRIAL CHEMISTRY			INDC 4100	PHYC 3100		2	2	
Environmental Regulations			LAWW 2200			3	0	
Thermodynamics			THER 1101	FLUD 4131, MATH 3132		3	0	
						<b>14</b>	<b>7</b>	<b>1</b>
<b>CHEM-SEM5</b>								
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	
						<b>9</b>	<b>9</b>	<b>80</b>
<b>CHEM-SEM6</b>								
Spectroscopy 2			CHEM 3201	CHEM 3105		2	2	
Chromatography 2			CHEM 3202	CHEM 3105, CHEM 3106		2	2	
INDUSTRIAL CHEMICAL PROCESSES			INDC 6100	MATL 1000		3	2	
NUCLEAR PHYSICS			NUCL 5100	CHEM 2131, MATH 2131		3	0	
FIELD PLACEMENT			PLAC 1100			0	0	80
FNMI Elective		OPT1	FNMI 0000			3	0	
						<b>13</b>	<b>6</b>	<b>80</b>

Chemical Lab Technology (CHLT)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CHLT-SEM6</b>							
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3105, CHEM 3106		2	2	
Industrial Microbiology		MICR 2134	MICR 2133		2	2	1
FIELD PLACEMENT		PLAC 1100			0	0	80
PROCESSING OPERATIONS II		PROC 6131	PROC 5131		3	2	
PRODUCT DEVELOPMENT		PROD 3131	FDLR 1131, PROC 5131		1	2	
PHARMACEUTICAL QA/QC		QAQC 6100	PHRM 3131		2	0	
					<b>12</b>	<b>10</b>	<b>81</b>

Chemical Laboratory Technician (CLBT)

Weekly  
Breakdown

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



Chemical Laboratory Technician (CLBT)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CLBT-SEM4</b>							
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	COMM 1100		2	0	1
General Elective Credit		GNED 0000			3	0	
Environmental Regulations		LAWW 2200			3	0	
					<b>14</b>	<b>7</b>	<b>1</b>

Civil Eng Technician Co-op (CTCC)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CTCC-SEM1</b>							
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
					<b>14</b>	<b>8</b>	<b>1</b>
<b>CTCC-SEM2</b>							
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	
					<b>13</b>	<b>10</b>	<b>1</b>
<b>CTCC-SEMC</b>							
Co-op Work Term 1		CTCC 1000	SPEC 0000		0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>

Civil Eng Technician Co-op (CTCC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CTCC-SEM3</b>						
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	
				<b>11</b>	<b>9</b>	<b>1</b>
<b>CTCC-SEM4</b>						
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	
				<b>11</b>	<b>9</b>	

Civil Eng Technology Co-op (CTYC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CTYC-SEM1</b>							
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
					<b>14</b>	<b>8</b>	<b>1</b>
<b>CTYC-SEM2</b>							
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	
					<b>13</b>	<b>10</b>	<b>1</b>
<b>CTYC-SEMC1</b>							
Co-op Work Term 1		CTYC 1000	SPEC 0000		0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>

Civil Eng Technology Co-op (CTYC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CTYC-SEM3</b>						
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	
				<b>11</b>	<b>9</b>	<b>1</b>
<b>CTYC-SEM4</b>						
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	
				<b>11</b>	<b>9</b>	
<b>CTYC-SEMC2</b>						
Co-op Work Term 2	CTYC 2000			0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>

Civil Eng Technology Co-op (CTYC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CTYC-SEM5</b>						
PRINCIPLES OF PROJECT MANAGEMENT	CIVL 3111	CIVL 2211		1	2	
GEOTECHNICAL DESIGN	CIVL 3112	CIVL 2113		2	2	
CIVIL ENGINEERING CODES AND REGULATIONS	CIVL 3113	CIVL 2113		3	0	
CALCULUS	CIVL 3114	CIVL 1201		4	0	
HIGHWAY AND TRANSPORTATION ENGINEERING I	CIVL 3115	CIVL 2214		2	2	
PRE CIVIL CAPSTONE PROJECT	CIVL 3116	CIVL 2211, CIVL 2216	CIVL 3111	2	0	1
BUILDING INFORMATION MODELING II	CIVL 3117	CIVL 2211, CIVL 2216	CIVL 3111	0	3	
				<b>14</b>	<b>9</b>	<b>1</b>
<b>CTYC-SEM6</b>						
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
				<b>14</b>	<b>2</b>	<b>7</b>

Civil Engineering Technician (CETC)

Weekly  
Breakdown

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

Civil Engineering Technician (CETC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CETC-SEM3</b>						
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	
				<b>11</b>	<b>9</b>	<b>1</b>
<b>CETC-SEM4</b>						
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
				<b>11</b>	<b>9</b>	<b>1</b>



Civil Engineering Technology (CETY)

Weekly  
Breakdown

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

Civil Engineering Technology (CETY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
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**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	
				<b>11</b>	<b>9</b>	<b>1</b>

**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	
				<b>11</b>	<b>9</b>	

Civil Engineering Technology (CETY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
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**CETY-SEM5**

PRINCIPLES OF PROJECT MANAGEMENT		CIVL 3111	CIVL 2211		1	2	
GEOTECHNICAL DESIGN		CIVL 3112	CIVL 2113		2	2	
CIVIL ENGINEERING CODES AND REGULATIONS		CIVL 3113	CIVL 2113		3	0	
CALCULUS		CIVL 3114	CIVL 1201		4	0	
HIGHWAY AND TRANSPORTATION ENGINEERING I		CIVL 3115	CIVL 2214		2	2	
PRE CIVIL CAPSTONE PROJECT		CIVL 3116	CIVL 2211, CIVL 2216	CIVL 3111	2	0	1
BUILDING INFORMATION MODELING II		CIVL 3117	CIVL 2211, CIVL 2216	CIVL 3111	0	3	
FIELD PLACEMENT		PLAC 1100			0	0	80
					<b>14</b>	<b>9</b>	<b>81</b>

**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
					<b>14</b>	<b>2</b>	<b>87</b>

Cloud Computing (CLCP)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CLCP-SEM1</b>							
Cloud Computing Careers and Portfolio Development		CLCP 1100			2	0	1
Scripting		COSC 1104			0	4	
Ethics, Governance and Risk Management		ETHC 1102			3	0	
Operating Systems and Network Infrastructure		INFT 1108			0	4	
Introduction to Cloud Computing		INFT 1109			3	0	
Cloud Implementation		INFT 1110			0	3	
Database		INFT 1111			0	4	
					<b>8</b>	<b>15</b>	<b>1</b>
<b>CLCP-SEM2</b>							
Capstone		CLCP 1200			0	3	
Cloud DevOps Solution Architect		COSC 1208			3	0	
Implementing DevOps Solutions		COSC 1209			0	3	
Cloud Infrastructure		INFT 1209			3	0	
Deploying Cloud Infrastructure		INFT 1210			0	3	
Cloud Security		INFT 1211			3	0	
Cloud Security Administration		INFT 1212			0	3	
					<b>9</b>	<b>12</b>	

Cloud Computing Work-Term (CLCW)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CLCW-SEM1</b>							
Cloud Computing Careers and Portfolio Development		CLCP 1100			2	0	1
Scripting		COSC 1104			0	4	
Ethics, Governance and Risk Management		ETHC 1102			3	0	
Operating Systems and Network Infrastructure		INFT 1108			0	4	
Introduction to Cloud Computing		INFT 1109			3	0	
Cloud Implementation		INFT 1110			0	3	
Database		INFT 1111			0	4	
					<b>8</b>	<b>15</b>	<b>1</b>
<b>CLCW-SEM2</b>							
Capstone		CLCP 1200			0	3	
Cloud DevOps Solution Architect		COSC 1208			3	0	
Implementing DevOps Solutions		COSC 1209			0	3	
Cloud Infrastructure		INFT 1209			3	0	
Deploying Cloud Infrastructure		INFT 1210			0	3	
Cloud Security		INFT 1211			3	0	
Cloud Security Administration		INFT 1212			0	3	
					<b>9</b>	<b>12</b>	
<b>CLCW-SEMW</b>							
Work Term 1		CLCW 1000			0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>

Comp Prog and Analysis Intern (CPGI)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPGI-SEM1</b>							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					<b>15</b>	<b>8</b>	<b>1</b>
<b>CPGI-SEM2</b>							
Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Software Testing and Automation		INFT 1207			2	2	
Systems Development 1		MGMT 1223			2	1	
Business for IT Professionals		MGMT 1224			2	0	1
					<b>15</b>	<b>7</b>	<b>1</b>
<b>CPGI-SEM3</b>							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
Object-Oriented Programming 2		COSC 2100	COSC 1200, OOP 3200		4	2	
Web Development Intermediate		INFT 2100	INFT 1206		4	0	
Database Development 1		INFT 2101	INFT 1105		4	0	
Systems Development 2		MGMT 2107			2	1	
					<b>16</b>	<b>3</b>	<b>1</b>

Comp Prog and Analysis Intern (CPGI)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPGI-SEM4</b>						
Object-Oriented Programming 3	COSC 2200	COSC 1200, COSC 2100		3	0	1
General Elective Credit	GNED 0000			3	0	
Mainframe Development 1	INFT 2200	COSC 1100		4	0	
Web Development - Enterprise	INFT 2201	COSC 2100		4	0	
Web Development - Client Side Script	INFT 2202	INFT 1206		4	0	
Cloud Technology Fundamentals	INFT 2203			0	4	
				<b>18</b>	<b>4</b>	<b>1</b>
<b>CPGI-SEMI1</b>						
Co-op Work Term 1	CPGI 1000			0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>
<b>CPGI-SEMI2</b>						
Co-op Work Term 2	CPGI 2000			0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>
<b>CPGI-SEMI3</b>						
Co-op Work Term 3	CPGI 3000			0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>
<b>CPGI-SEMI4</b>						
Co-op Work Term 4	CPGI 4000			0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>

Comp Prog and Analysis Intern (CPGI)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPGI-SEM5</b>						
Mainframe Development 2	INFT 3100	COSC 1100		4	0	
Mobile Development	INFT 3101	COSC 2100, INFT 1206		4	0	
Web Development - Frameworks	INFT 3102	INFT 2100, INFT 2201		4	0	
Emerging Technologies	INFT 3103			3	0	
Cloud Technology for Developers	INFT 3104			2	2	
				<b>17</b>	<b>2</b>	
<b>CPGI-SEM6</b>						
Capstone Project	CPGA 3200	SPEC 0000		5	0	
General Elective Credit	GNED 0000			3	0	
Cloud Technology Operations	INFT 3200	INFT 3109		0	4	
Database Development 2	INFT 3201	INFT 2101		4	0	
Systems Development 3	MGMT 3207	MGMT 1223, MGMT 2107		3	0	
				<b>15</b>	<b>4</b>	



Comp Programming and Analysis (CPGA)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPGA-SEM1</b>							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					<b>15</b>	<b>8</b>	<b>1</b>
<b>CPGA-SEM2</b>							
Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Software Testing and Automation		INFT 1207			2	2	
Systems Development 1		MGMT 1223			2	1	
Business for IT Professionals		MGMT 1224			2	0	1
					<b>15</b>	<b>7</b>	<b>1</b>
<b>CPGA-SEM3</b>							
IT Career Essentials		COMM 2109			2	0	1
Object-Oriented Programming 2		COSC 2100	COSC 1200, OOP 3200		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development Intermediate		INFT 2100	INFT 1206		4	0	
Database Development 1		INFT 2101	INFT 1105		4	0	
Systems Development 2		MGMT 2107			2	1	
					<b>19</b>	<b>3</b>	<b>1</b>

Comp Programming and Analysis (CPGA)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPGA-SEM4</b>							
Object-Oriented Programming 3		COSC 2200	COSC 1200, COSC 2100		3	0	1
General Elective Credit		GNED 0000			3	0	
Mainframe Development 1		INFT 2200	COSC 1100		4	0	
Web Development - Enterprise		INFT 2201	COSC 2100		4	0	
Web Development - Client Side Script		INFT 2202	INFT 1206		4	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
					<b>18</b>	<b>4</b>	<b>1</b>
<b>CPGA-SEM5</b>							
Mainframe Development 2		INFT 3100	COSC 1100		4	0	
Mobile Development		INFT 3101	COSC 2100, INFT 1206		4	0	
Web Development - Frameworks		INFT 3102	INFT 2100, INFT 2201		4	0	
Emerging Technologies		INFT 3103			3	0	
Cloud Technology for Developers		INFT 3104			2	2	
					<b>17</b>	<b>2</b>	
<b>CPGA-SEM6</b>							
Capstone Project		CPGA 3200	SPEC 0000		5	0	
Field Placement - CPA		CPGA 3201	SPEC 0000		1	0	160
Cloud Technology Operations		INFT 3200	INFT 3109		0	4	
Database Development 2		INFT 3201	INFT 2101		4	0	
Systems Development 3		MGMT 3207	MGMT 1223, MGMT 2107		3	0	
					<b>13</b>	<b>4</b>	<b>160</b>

Computer Foundations (CFND)

Weekly  
Breakdown

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

Computer Prog Analysis Coop (CPGC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPGC-SEM1</b>							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					<b>15</b>	<b>8</b>	<b>1</b>
<b>CPGC-SEM2</b>							
Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Software Testing and Automation		INFT 1207			2	2	
Systems Development 1		MGMT 1223			2	1	
Business for IT Professionals		MGMT 1224			2	0	1
					<b>15</b>	<b>7</b>	<b>1</b>
<b>CPGC-SEM3</b>							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
Object-Oriented Programming 2		COSC 2100	COSC 1200, OOP 3200		4	2	
Web Development Intermediate		INFT 2100	INFT 1206		4	0	
Database Development 1		INFT 2101	INFT 1105		4	0	
Systems Development 2		MGMT 2107			2	1	
					<b>16</b>	<b>3</b>	<b>1</b>

Computer Prog Analysis Coop (CPGC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPGC-SEM4</b>							
Object-Oriented Programming 3		COSC 2200	COSC 1200, COSC 2100		3	0	1
General Elective Credit		GNED 0000			3	0	
Mainframe Development 1		INFT 2200	COSC 1100		4	0	
Web Development - Enterprise		INFT 2201	COSC 2100		4	0	
Web Development - Client Side Script		INFT 2202	INFT 1206		4	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
					<b>18</b>	<b>4</b>	<b>1</b>
<b>CPGC-SEMC</b>							
Co-op Work Term 1		CPGC 1000			0	0	550
					<b>0</b>	<b>0</b>	<b>550</b>
<b>CPGC-SEM5</b>							
Mainframe Development 2		INFT 3100	COSC 1100		4	0	
Mobile Development		INFT 3101	COSC 2100, INFT 1206		4	0	
Web Development - Frameworks		INFT 3102	INFT 2100, INFT 2201		4	0	
Emerging Technologies		INFT 3103			3	0	
Cloud Technology for Developers		INFT 3104			2	2	
					<b>17</b>	<b>2</b>	

Computer Prog Analysis Coop (CPGC)

Weekly  
Breakdown

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

Computer Programming (CPPG)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPPG-SEM1</b>							
Communication Foundations		COMM 1100			2	0	1
Computer Systems - Hardware		COMP 1116			2	2	
Introduction to Programming		COSC 1100			4	2	
Data Communications and Networking 1		INFT 1104			0	4	
Introduction to Databases		INFT 1105			4	0	
Mathematics for IT		MATH 1114			3	0	
					<b>15</b>	<b>8</b>	<b>1</b>
<b>CPPG-SEM2</b>							
Object-Oriented Programming 1		COSC 1200	COSC 1100		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development - Fundamentals		INFT 1206			2	2	
Software Testing and Automation		INFT 1207			2	2	
Systems Development 1		MGMT 1223			2	1	
Business for IT Professionals		MGMT 1224			2	0	1
					<b>15</b>	<b>7</b>	<b>1</b>
<b>CPPG-SEM3</b>							
IT Career Essentials		COMM 2109			2	0	1
Object-Oriented Programming 2		COSC 2100	COSC 1200, OOP 3200		4	2	
General Elective Credit		GNED 0000			3	0	
Web Development Intermediate		INFT 2100	INFT 1206		4	0	
Database Development 1		INFT 2101	INFT 1105		4	0	
Systems Development 2		MGMT 2107			2	1	
					<b>19</b>	<b>3</b>	<b>1</b>

Computer Programming (CPPG)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CPPG-SEM4</b>							
Object-Oriented Programming 3		COSC 2200	COSC 1200, COSC 2100		3	0	1
General Elective Credit		GNED 0000			3	0	
Mainframe Development 1		INFT 2200	COSC 1100		4	0	
Web Development - Enterprise		INFT 2201	COSC 2100		4	0	
Web Development - Client Side Script		INFT 2202	INFT 1206		4	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
					<b>18</b>	<b>4</b>	<b>1</b>



Computer Sys Technology Co-op (CSCC)

Weekly  
Breakdown

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

Computer Sys Technology Co-op (CSCC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CSCC-SEM4</b>							
General Elective Credit		GNED 0000			3	0	
Cloud Technology Fundamentals		INFT 2203			0	4	
Network Administration 2		INFT 2204	INFT 2103		2	2	
Virtualization		INFT 2205	INFT 2103		0	4	
Linux 2		INFT 2206	INFT 2104		0	4	
Project Management		PJMT 2200			3	0	
					<b>8</b>	<b>14</b>	
<b>CSCC-SEMC</b>							
Co-op Work Term 1		CSCC 1000			0	0	550
					<b>0</b>	<b>0</b>	<b>550</b>
<b>CSCC-SEM5</b>							
Database Management		INFT 3105	INFT 1105, INFT 2204		2	2	
Linux 3		INFT 3106	INFT 2206		0	4	
Network Administration 3		INFT 3107	INFT 2204		0	4	
Security 1		INFT 3108	INFT 2102		0	4	
Cloud Technology Architect		INFT 3109	INFT 2203		0	4	
Unified Communications		INFT 3110	INFT 2102, INFT 2104		0	4	
					<b>2</b>	<b>22</b>	

Computer Sys Technology Co-op (CSCC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CSCC-SEM6</b>							
IT Capstone Project		CSTY 3201	SPEC 0000		2	2	
Cloud Technology Operations		INFT 3200	INFT 3109		0	4	
Security 2		INFT 3202	INFT 3107		2	2	
Emerging Network Technologies		INFT 3203	COSC 1100, INFT 2102		0	3	
Enterprise Solutions		INFT 3204	INFT 3105, INFT 3107		0	4	
					<b>4</b>	<b>15</b>	

Computer Systems Tech - OnTech (CSTU)

Weekly Breakdown

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

Computer Systems Tech - OnTech (CSTU)

Weekly  
Breakdown

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

Computer Systems Technician (CSTC)

Weekly Breakdown

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

Computer Systems Technician (CSTC)

Weekly  
Breakdown

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

Computer Systems Technology (CSTY)

Weekly Breakdown

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



Computer Systems Technology (CSTY)

Weekly Breakdown

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

Cybersecurity (CYSC)

Weekly  
Breakdown

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

Cybersecurity - Flex (CYFL)

Weekly  
Breakdown

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

Cybersecurity - Work Term (CYSW)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>CYSW-SEM1</b>						
Cybersecurity Careers and the Digital Portfolio	CYSC 1100			2	0	1
Network Systems and Components	INFT 1100			0	2	1
Wireless Network Security	INFT 1101			0	2	1
Information Security	INFT 1102			0	2	1
Operating System Security	INFT 1103			2	0	1
Law and Ethics in Forensic Investigations	LAWW 1201			2	0	1
Business Processes and Security Policy	MGMT 1100			2	0	1
				<b>8</b>	<b>6</b>	<b>7</b>
<b>CYSW-SEM2</b>						
Computer Forensics	INFT 1200			0	2	1
Hacking and Exploits	INFT 1201			0	3	
Network Monitoring and Penetration Testing	INFT 1202			0	3	
Access Controls	INFT 1203			0	2	1
Special Topics in Cybersecurity	INFT 1204			2	0	1
Incident Handling and Response	MGMT 1212			2	0	1
Security Auditing and Governance	MGMT 1216			2	0	1
				<b>6</b>	<b>10</b>	<b>5</b>
<b>CYSW-SEMW</b>						
Work Term 1	CYSW 1000			0	0	
				<b>0</b>	<b>0</b>	

Data Analytics for Bus Dec Mkg (DATA)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>DATA-SEM1</b>							
Careers and Digital Portfolio		DATA 1102			2	0	1
INTRODUCTION TO DATA ANALYSIS		DATA 1200			2	0	1
DATA COLLECTION AND DATA MANAGEMENT		DATA 1201			3	0	
DATA ANALYSIS TOOLS FOR ANALYTICS		DATA 1202			2	2	
BUSINESS ANALYSIS AND ASSESSMENTS 1		DATA 1203			2	0	1
STATISTICAL PREDICTIVE MODELING FOR ANALYTICS I		DATA 1204			2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS I		DATA 1205			2	2	
					<b>15</b>	<b>4</b>	<b>5</b>
<b>DATA-SEM2</b>							
ETHICAL LEADERSHIP AND CRITICAL DECISION MAKING		DATA 2202			3	0	
BUSINESS ANALYSIS AND ASSESSMENTS II		DATA 2203	DATA 1203		2	0	1
STATISTICAL AND PREDICTIVE MODELLING FOR ANALYTICS II		DATA 2204	DATA 1204		2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS II		DATA 2205	DATA 1205		2	2	
CAPSTONE		DATA 2206	DATA 1200, DATA 1202		2	0	2
PROJECT MANAGEMENT FOR ANALYTICS		DATA 2207			2	0	1
					<b>13</b>	<b>2</b>	<b>6</b>

Data Analytics for Bus Dec WT (DATW)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>DATW-SEM1</b>							
Careers and Digital Portfolio		DATA 1102			2	0	1
INTRODUCTION TO DATA ANALYSIS		DATA 1200			2	0	1
DATA COLLECTION AND DATA MANAGEMENT		DATA 1201			3	0	
DATA ANALYSIS TOOLS FOR ANALYTICS		DATA 1202			2	2	
BUSINESS ANALYSIS AND ASSESSMENTS 1		DATA 1203			2	0	1
STATISTICAL PREDICTIVE MODELING FOR ANALYTICS I		DATA 1204			2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS I		DATA 1205			2	2	
					<b>15</b>	<b>4</b>	<b>5</b>
<b>DATW-SEM2</b>							
ETHICAL LEADERSHIP AND CRITICAL DECISION MAKING		DATA 2202			3	0	
BUSINESS ANALYSIS AND ASSESSMENTS II		DATA 2203	DATA 1203		2	0	1
STATISTICAL AND PREDICTIVE MODELLING FOR ANALYTICS II		DATA 2204	DATA 1204		2	0	2
VISUALIZATIONS, LEADERSHIP, AND BUSINESS COMMUNICATIONS II		DATA 2205	DATA 1205		2	2	
CAPSTONE		DATA 2206	DATA 1200, DATA 1202		2	0	2
PROJECT MANAGEMENT FOR ANALYTICS		DATA 2207			2	0	1
					<b>13</b>	<b>2</b>	<b>6</b>
<b>DATW-SEM W</b>							
Work Term		DATW 1000	SPEC 0000		0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>

Electro-Mechanical Eng Tech (EMTY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>EMTY-SEM1</b>							
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
					<b>16</b>	<b>6</b>	<b>1</b>
<b>EMTY-SEM2</b>							
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	
					<b>12</b>	<b>12</b>	

Electro-Mechanical Eng Tech (EMTY)

Weekly Breakdown

Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
<b>EMTY-SEM3</b>						
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	
				<b>14</b>	<b>6</b>	<b>2</b>
<b>EMTY-SEM4</b>						
Career Planning & Development	CARR 2130	COMM 1100		2	0	1
ELECTRONIC CIRCUITS III	CIRE 3132	CIRE 2132		2	2	
INDUSTRIAL CONTROLS II	CONT 3131	CONT 3123		2	2	
INTEGRATED AUTOMATION I	CONT 3141	CONT 3123	CONT 3131	2	2	
Manufacturing Sciences	MANF 1131			1	3	
Applied Mechanics	MECH 2103	PHYS 1131, STEM 1131		3	0	
				<b>12</b>	<b>9</b>	<b>1</b>
<b>EMTY-SEM5</b>						
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
				<b>10</b>	<b>9</b>	<b>80</b>



Electro-Mechanical Eng Tech (EMTY)

Weekly  
Breakdown

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

Electromech Eng Tech - Co-op (EMTC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>EMTC-SEM1</b>						
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
				<b>16</b>	<b>6</b>	<b>1</b>
<b>EMTC-SEM2</b>						
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	
				<b>12</b>	<b>12</b>	

Electromech Eng Tech - Co-op (EMTC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>EMTC-SEM3</b>							
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	
					<b>13</b>	<b>6</b>	<b>3</b>
<b>EMTC-SEM4</b>							
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	
					<b>13</b>	<b>9</b>	
<b>EMTC-SEMC</b>							
Co-op Work Term		EMTC 1000			0	0	560
					<b>0</b>	<b>0</b>	<b>560</b>

Electromech Eng Tech - Co-op (EMTC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>EMTC-SEM5</b>						
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	
				<b>10</b>	<b>9</b>	
<b>EMTC-SEM6</b>						
AUTOMATION PROJECT	AUTO 2100	AUTO 1100, CONT 4101		1	2	3
INSTRUMENTATION & CONTROL II	CONT 6131	CONT 5131		2	2	
General Elective Credit	GNED 0000			3	0	
Industrial Networking	INET 6131	CPDB 5131		2	2	
Dynamics of Machines	MACH 3132	MECH 2103		3	0	
SCADA	SCAD 6100	AUTO 1100, CONT 4101		2	2	
				<b>13</b>	<b>8</b>	<b>3</b>

Electronic Eng Technician (ELTC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ELTC-SEM1</b>							
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	
					<b>16</b>	<b>6</b>	<b>1</b>
<b>ELTC-SEM2</b>							
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	
					<b>13</b>	<b>10</b>	

Electronic Eng Technician (ELTC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ELTC-SEM3</b>							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
ELECTRONIC CIRCUITS II		CIRE 2132	CIRE 1131		3	2	
COMPUTERS AND NETWORKING I		COMP 4131			2	2	
INDUSTRIAL CONTROLS I		CONT 3123	CADD 2131, ELEC 2131		2	2	
MICROPROCESSORS I		MPRO 1131	DGFN 2131		1	2	
TELECOMMUNICATIONS I		SYSC 4131	CIRE 1131		2	2	
PROGRAMMING FOR TECHNOLOGY II		TPRG 2131	TPRG 1131		0	3	
					<b>12</b>	<b>13</b>	<b>1</b>
<b>ELTC-SEM4</b>							
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	
					<b>11</b>	<b>8</b>	<b>2</b>

Electronic Eng Technology (ELTY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ELTY-SEM1</b>							
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	
					<b>16</b>	<b>6</b>	<b>1</b>
<b>ELTY-SEM2</b>							
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	
					<b>13</b>	<b>10</b>	

Electronic Eng Technology (ELTY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ELTY-SEM3</b>							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
ELECTRONIC CIRCUITS II		CIRE 2132	CIRE 1131		3	2	
COMPUTERS AND NETWORKING I		COMP 4131			2	2	
INDUSTRIAL CONTROLS I		CONT 3123	CADD 2131, ELEC 2131		2	2	
MICROPROCESSORS I		MPRO 1131	DGFN 2131		1	2	
TELECOMMUNICATIONS I		SYSC 4131	CIRE 1131		2	2	
PROGRAMMING FOR TECHNOLOGY II		TPRG 2131	TPRG 1131		0	3	
					<b>12</b>	<b>13</b>	<b>1</b>
<b>ELTY-SEM4</b>							
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	
					<b>11</b>	<b>8</b>	<b>2</b>



Electronic Eng Technology (ELTY)

Weekly  
Breakdown

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

Environ Health and Safety Mgmt (EHSM)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>EHSM-SEM1</b>							
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	
					<b>15</b>	<b>1</b>	
<b>EHSM-SEM2</b>							
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	
					<b>17</b>	<b>1</b>	
<b>EHSM-SEM3</b>							
Field Placement		EHSM 3001			0	0	224
					<b>0</b>	<b>0</b>	<b>224</b>

Environmental Technology (ENVT)

Weekly Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ENVT-SEM1</b>							
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
					<b>13</b>	<b>9</b>	<b>1</b>
<b>ENVT-SEM2</b>							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
Organic Chemistry 1		CHEM 1202	TECH 1131		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
COMMUNITY & ENVIRONMENT		ENVI 3131	ENVI 2131		3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
FNMI Elective	OPT1	FNMI 0000			3	0	
					<b>16</b>	<b>5</b>	<b>1</b>
<b>ENVT-SEM3</b>							
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	
					<b>11</b>	<b>9</b>	<b>1</b>

Environmental Technology (ENVT)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ENVT-SEM4</b>							
Analytical Instrumentation		CHEM 2206	CHEM 1202, CHEM 2131		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
					<b>11</b>	<b>12</b>	<b>1</b>
<b>ENVT-SEM5</b>							
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	
					<b>13</b>	<b>7</b>	<b>80</b>

Environmental Technology (ENVT)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ENVT-SEM6</b>							
Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3105, 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	
					<b>15</b>	<b>6</b>	<b>80</b>

Environmental Technology - FT (ENVF)

Weekly  
Breakdown

Course Name	Mod Code	Prerequisites	Corequisites	Lec Hrs	Lab Hrs	FP/Alt Hrs
<b>ENVF-SEM1</b>						
Introductory Microbiology	BIOL 2100	BIOL 1131		2	2	1
Fundamentals of Analytical and Organic Chemistry Spectroscopy 1	CHEM 1133		CHEM 3105	0	0	1
Chromatography 1	CHEM 3105	CHEM 2206		2	2	
TOPICS IN ENVIRONMENTAL SCIENCE	CHEM 3106	CHEM 2206		2	2	
ENVIRONMENTAL PROJECT MANAGEMENT	ENVI 3132	CHEM 3132		2	2	
Environmental Regulations	ETEP 5131	CHEM 3132	ENVI 3132	1	1	
ENVIRONMENTAL SAMPLING	LAWW 2200			3	0	
INDUSTRIAL WASTE	QUAL 1132	ENVI 2131		2	2	
	WAST 3131			3	0	
				<b>17</b>	<b>11</b>	<b>2</b>
<b>ENVF-SEM2</b>						
Spectroscopy 2	CHEM 3201	CHEM 3105		2	2	
Chromatography 2	CHEM 3202	CHEM 3105, 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	
				<b>17</b>	<b>11</b>	<b>81</b>

Environmental Technology Co-op (ENVC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ENVC-SEM1</b>							
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
					<b>13</b>	<b>9</b>	<b>1</b>
<b>ENVC-SEM2</b>							
Organic Chemistry 1		CHEM 1202	TECH 1131		3	2	
Chemistry 2		CHEM 2131	CHEM 1131, CHEM 1200		2	3	
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
COMMUNITY & ENVIRONMENT		ENVI 3131	ENVI 2131		3	0	
Mathematics 2		MATH 2132	MATH 1132		3	0	
FNMI Elective	OPT1	FNMI 0000			3	0	
					<b>16</b>	<b>5</b>	<b>1</b>
<b>ENVC-SEMC1</b>							
Co-op Work Term 1		ENVC 1000			0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>

Environmental Technology Co-op (ENVC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>ENVC-SEM3</b>							
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	
					<b>11</b>	<b>9</b>	<b>1</b>
<b>ENVC-SEM4</b>							
Analytical Instrumentation		CHEM 2206	CHEM 1202, CHEM 2131		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
					<b>11</b>	<b>12</b>	<b>1</b>
<b>ENVC-SEMC2</b>							
Co-op Work Term 2		ENVC 2000			0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>



Environmental Technology Co-op (ENVC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
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**ENVC-SEM5**

Spectroscopy 1		CHEM 3105	CHEM 2206		2	2	
Chromatography 1		CHEM 3106	CHEM 2206		2	2	
TOPICS IN ENVIRONMENTAL SCIENCE		ENVI 3132	CHEM 3132		2	2	
ENVIRONMENTAL PROJECT MANAGEMENT		ETEP 5131	CHEM 3132	ENVI 3132	1	1	
General Elective Credit		GNED 0000			3	0	
INDUSTRIAL WASTE		WAST 3131			3	0	
					<b>13</b>	<b>7</b>	

**ENVC-SEM6**

Spectroscopy 2		CHEM 3201	CHEM 3105		2	2	
Chromatography 2		CHEM 3202	CHEM 3105, 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	
					<b>15</b>	<b>6</b>	

Hon Bach Cnst Mgmt WT CETY Pth (HBYW)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBYW-SEM1</b>							
Introduction to Architectural and Engineering Design		ARCH 12001			3	0	
Building Science and Systems		ARCH 22002	ENGR 11001		3	0	
Business Foundations		COMR 12001			2	1	
Quality Assurance and Quality Control in Construction		ENGR 22002	MGMT 21001, MGMT 21002		3	0	
Field Placement Preparation		FDPL 22001	SPEC 0000		1	0	
Construction Estimating 2		MGMT 12001	MGMT 11002		1	2	
					<b>13</b>	<b>3</b>	
<b>HBYW-SEM2</b>							
Work Integrated Learning		HBCM 23000			0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>
<b>HBYW-SEM2</b>							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Construction Organizational Behaviour		HURM 31001	COMR 12001		3	0	
Construction Planning and Scheduling		MGMT 21001	ENGR 11001, MGMT 12001		0	3	
Construction Costs and Bidding		MGMT 31001	MGMT 12001		2	2	
Research Methods		RSCH 31001			3	0	
					<b>11</b>	<b>5</b>	

Hon Bach Cnst Mgmt WT CETY Pth (HBYW)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBYW-SEM3</b>						
Project Accounting Control	ACCT 32000	MGMT 31001		2	2	
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Construction Project Financial Analysis	FINC 32000			3	0	
Building Codes and Regulations	LAWW 32000	ARCH 22002, ENGR 22001		3	0	
Management of Construction Sites	MGMT 32000	MGMT 21001		3	0	
				<b>14</b>	<b>2</b>	
<b>HBYW-SEMF</b>						
Work Integrated Learning	HBCM 33000			0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>
<b>HBYW-SEM4</b>						
Sustainable Building Construction	ARCH 41000			3	0	
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Human Resources and Labour Relations Research	HURM 41000	MGMT 32000		2	2	
Construction Contract Administration and Law	LAWW 41000	LAWW 31001		3	0	
Business Management and Strategy	MGMT 41000	HURM 31001		3	0	
				<b>14</b>	<b>2</b>	
<b>HBYW-SEM5</b>						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Integrative Project Studio	HBCM 42000	RSCH 31001		1	3	
Construction Project Delivery Systems	MGMT 42000	LAWW 41000		3	0	
Leadership in Construction Project Management	MGMT 42001	HURM 41000		3	0	
Construction Supply Chain and Risk Management	SCMT 42000	MGMT 21001		3	0	
				<b>13</b>	<b>3</b>	

Hon Bach Const Mgmt CETY Pthwy (HBCC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBCC-SEM1</b>							
Introduction to Architectural and Engineering Design		ARCH 12001			3	0	
Building Science and Systems		ARCH 22002	ENGR 11001		3	0	
Business Foundations		COMR 12001			2	1	
Quality Assurance and Quality Control in Construction		ENGR 22002	MGMT 21001, MGMT 21002		3	0	
Field Placement Preparation		FDPL 22001	SPEC 0000		1	0	
Construction Estimating 2		MGMT 12001	MGMT 11002		1	2	
					<b>13</b>	<b>3</b>	
<b>HBCC-SEM2</b>							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Construction Organizational Behaviour		HURM 31001	COMR 12001		3	0	
Construction Planning and Scheduling		MGMT 21001	ENGR 11001, MGMT 12001		0	3	
Construction Costs and Bidding		MGMT 31001	MGMT 12001		2	2	
Research Methods		RSCH 31001			3	0	
					<b>11</b>	<b>5</b>	
<b>HBCC-SEM3</b>							
Project Accounting Control		ACCT 32000	MGMT 31001		2	2	
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Construction Project Financial Analysis		FINC 32000			3	0	
Building Codes and Regulations		LAWW 32000	ARCH 22002, ENGR 22001		3	0	
Management of Construction Sites		MGMT 32000	MGMT 21001		3	0	
					<b>14</b>	<b>2</b>	

Hon Bach Const Mgmt CETY Pthwy (HBCC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBCC-SEMF</b>						
Work Integrated Learning	HBCM 33000			0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>
<b>HBCC-SEM4</b>						
Sustainable Building Construction	ARCH 41000			3	0	
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Human Resources and Labour Relations Research	HURM 41000	MGMT 32000		2	2	
Construction Contract Administration and Law	LAWW 41000	LAWW 31001		3	0	
Business Management and Strategy	MGMT 41000	HURM 31001		3	0	
				<b>14</b>	<b>2</b>	
<b>HBCC-SEM5</b>						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Integrative Project Studio	HBCM 42000	RSCH 31001		1	3	
Construction Project Delivery Systems	MGMT 42000	LAWW 41000		3	0	
Leadership in Construction Project Management	MGMT 42001	HURM 41000		3	0	
Construction Supply Chain and Risk Management	SCMT 42000	MGMT 21001		3	0	
				<b>13</b>	<b>3</b>	

Hon Bach of Const Mgmt WT (HBCW)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBCW-SEM1</b>							
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	
					<b>12</b>	<b>5</b>	
<b>HBCW-SEM2</b>							
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	
					<b>12</b>	<b>4</b>	
<b>HBCW-SEM3</b>							
Building Information Modelling 1: Drafting and Drawings		ARCH 21001	ARCH 12001		0	3	
Technical Writing		COMM 11000			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	
					<b>8</b>	<b>8</b>	

Hon Bach of Const Mgmt WT (HBCW)

Weekly  
Breakdown

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

Hon Bach of Const Mgmt WT (HBCW)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBCW-SEM6</b>							
Project Accounting Control		ACCT 32000	MGMT 31001		2	2	
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Construction Project Financial Analysis		FINC 32000			3	0	
Building Codes and Regulations		LAWW 32000	ARCH 22002, ENGR 22001		3	0	
Management of Construction Sites		MGMT 32000	MGMT 21001		3	0	
					<b>14</b>	<b>2</b>	
<b>HBCW-SEMF</b>							
Work Integrated Learning		HBCM 33000			0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>
<b>HBCW-SEM7</b>							
Sustainable Building Construction		ARCH 41000			3	0	
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Human Resources and Labour Relations Research		HURM 41000	MGMT 32000		2	2	
Construction Contract Administration and Law		LAWW 41000	LAWW 31001		3	0	
Business Management and Strategy		MGMT 41000	HURM 31001		3	0	
					<b>14</b>	<b>2</b>	
<b>HBCW-SEM8</b>							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Integrative Project Studio		HBCM 42000	RSCH 31001		1	3	
Construction Project Delivery Systems		MGMT 42000	LAWW 41000		3	0	
Leadership in Construction Project Management		MGMT 42001	HURM 41000		3	0	
Construction Supply Chain and Risk Management		SCMT 42000	MGMT 21001		3	0	
					<b>13</b>	<b>3</b>	



Hon Bach of Construction Mgmt (HBCM)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBCM-SEM1</b>							
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	
					<b>12</b>	<b>5</b>	
<b>HBCM-SEM2</b>							
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	
					<b>12</b>	<b>4</b>	
<b>HBCM-SEM3</b>							
Building Information Modelling 1: Drafting and Drawings		ARCH 21001	ARCH 12001		0	3	
Technical Writing		COMM 11000			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	
					<b>8</b>	<b>8</b>	

Hon Bach of Construction Mgmt (HBCM)

Weekly  
Breakdown

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

Hon Bach of Construction Mgmt (HBCM)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBCM-SEMF</b>							
Work Integrated Learning		HBCM 33000			0	0	420
					<hr/>	<hr/>	<hr/>
					<b>0</b>	<b>0</b>	<b>420</b>
<b>HBCM-SEM7</b>							
Sustainable Building Construction		ARCH 41000			3	0	
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Human Resources and Labour Relations Research		HURM 41000	MGMT 32000		2	2	
Construction Contract Administration and Law		LAWW 41000	LAWW 31001		3	0	
Business Management and Strategy		MGMT 41000	HURM 31001		3	0	
					<hr/>	<hr/>	<hr/>
					<b>14</b>	<b>2</b>	
<b>HBCM-SEM8</b>							
BREADTH ELECTIVE CREDIT		BRTH 00000			3	0	
Integrative Project Studio		HBCM 42000	RSCH 31001		1	3	
Construction Project Delivery Systems		MGMT 42000	LAWW 41000		3	0	
Leadership in Construction Project Management		MGMT 42001	HURM 41000		3	0	
Construction Supply Chain and Risk Management		SCMT 42000	MGMT 21001		3	0	
					<hr/>	<hr/>	<hr/>
					<b>13</b>	<b>3</b>	

Honours Bachelor of AI (HBAI)

Weekly  
Breakdown

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

Honours Bachelor of AI (HBAI)

Weekly  
Breakdown

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

Honours Bachelor of AI (HBAI)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>HBAI-SEMF</b>						
Field Placement - Degree	HBAI 33000	SPEC 0000		0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>
<b>HBAI-SEM7</b>						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Advanced Neural Networks: Deep Learning for Sequential Analysis	COSC 41000	COSC 31000, COSC 32002		3	0	
Advanced Neural Networks: Deep Learning for Spatial Analysis	COSC 41001	COSC 31000, COSC 32001		3	0	
Deploying Artificial Intelligence Systems	INFT 41000			3	0	
Project Management	PJMT 41000			3	0	
				<b>15</b>	<b>0</b>	
<b>HBAI-SEM8</b>						
BREADTH ELECTIVE CREDIT	BRTH 00000			3	0	
Reinforcement Learning	COSC 42000	COSC 21000, COSC 31000		3	0	
Special Topics: Agile Artificial Intelligence	HBAI 42000	INFT 41000, PGM 41000		3	0	
Capstone Project	HBAI 42001	COSC 31001, INFT 22001, INFT 41000		3	0	
Business Application of Artificial Intelligence	INFT 42000			3	0	
				<b>15</b>	<b>0</b>	

Mech Eng Non-Dest Fast-track (NDEF)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>NDEF-SEM1</b>						
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	
				<b>12</b>	<b>8</b>	
<b>NDEF-SEM2</b>						
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	
				<b>14</b>	<b>8</b>	

Mech Eng Non-Destructive Eval (NDE)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>NDE-SEM1</b>							
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	
					<b>19</b>	<b>2</b>	<b>1</b>
<b>NDE-SEM2</b>							
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1132		2	2	
FLUID POWER I		FLUD 1131			2	1	
MATHEMATICS FOR NDE		MATH 2133	MATH 1131		4	0	
APPLIED MECHANICS		MECH 2103	PHYS 1131, STEM 1131		3	0	
NON DESTRUCTIVE TESTING - MAGNETIC PARTICLE		NDTE 2101	NDTE 1100		1	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					<b>15</b>	<b>5</b>	



Mech Eng Non-Destructive Eval (NDE)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>NDE-SEM3</b>							
CAREER PLANNING & DEVELOPMENT		CARR 2130	COMM 1100		2	0	1
MEASUREMENT I		MEAS 4134	DRFT 1107, MATH 1131		2	2	
METALLURGY FOR NON-DESTRUCTIVE		METL 1132			2	3	
NON-DESTRUCTIVE TESTING- UT ULTRASONIC I		NDTE 3101	MATH 2133, PHYS 1131		2	2	
VISUAL TESTING		VISU 3100	NDTE 1100		2	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					<b>13</b>	<b>9</b>	<b>1</b>
<b>NDE-SEM4</b>							
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	
					<b>15</b>	<b>7</b>	

Mech Eng Technology Co-Op (MECC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>MECC-SEM1</b>							
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	
					<b>10</b>	<b>8</b>	
<b>MECC-SEM2</b>							
CO-OP AND CAREER PREPARATION		COOP 1000			2	0	1
ENGINEERING GRAPHICS II		DRFT 2131	DRFT 1131		0	3	
ELECTRICAL CONTROL FUNDAMENTALS		ELEC 1133	MATH 1132		2	2	
FLUID POWER I		FLUD 1131			2	1	
MATHEMATICS FOR TECHNOLOGY II		MATH 2131	STEM 1131		4	0	
APPLIED MECHANICS		MECH 2103	PHYS 1131, STEM 1131		3	0	
TECHNICAL REPORT WRITING FOR SCIENCE & TECHNOLOGY		TECH 1130			2	0	1
					<b>15</b>	<b>6</b>	<b>2</b>
<b>MECC-SEMC1</b>							
Co-op Work Term 1		MECC 1000			0	0	420
					<b>0</b>	<b>0</b>	<b>420</b>

Mech Eng Technology Co-Op (MECC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>MECC-SEM3</b>						
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	
				<b>17</b>	<b>6</b>	
<b>MECC-SEM4</b>						
CAD II	CAD 4132	CAD 3132		1	3	
CAM I	CAM 4132	CAD 3132, MANF 3131		1	2	
General Elective Credit	GNED 0000			3	0	
Dynamics of Machines	MACH 3132	MECH 2103		3	0	
ENGINEERING DATA MANAGEMENT	SYSM 1131			2	1	
Thermodynamics	THER 1101	FLUD 4131, MATH 3132		3	0	
				<b>13</b>	<b>6</b>	
<b>MECC-SEMC2</b>						
Co-op Work Term 2	MECC 2000			0	0	420
				<b>0</b>	<b>0</b>	<b>420</b>

Mech Eng Technology Co-Op (MECC)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>MECC-SEM5</b>						
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	
				<b>9</b>	<b>14</b>	
<b>MECC-SEM6</b>						
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	
				<b>13</b>	<b>12</b>	

Mechanical Eng Technician (METC)

Weekly  
Breakdown

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

Mechanical Eng Technician (METC)

Weekly  
Breakdown

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

CAD I FOR TECHNICIANS		CAD 3135	DRFT 2131		1	3	
ENGINEERING DESIGN ELEMENTS		DRFT 3131	DRFT 2131		2	0	
MANUFACTURING PROCESSES		MANF 3131	MANF 1131		3	0	
MEASUREMENT I		MEAS 4134	DRFT 1107, MATH 1131		2	2	
ENGINEERING MATERIALS		METL 1131			2	2	
General Elective Credit	OPT1	GNED 0000			3	0	
					<b>13</b>	<b>7</b>	

**METC-SEM4**

CAD II FOR TECHNICIANS		CAD 4135	CAD 3135		1	3	
CAM I FOR TECHNICIANS		CAM 4131	CAD 3135, MANF 3131		1	2	
Career Planning & Development		CARR 2130	COMM 1100		2	0	1
MATERIALS AND THE ENVIRONMENT		METL 2131	METL 1131		2	2	
STATISTICAL METHODS IN QUALITY CONTROL		STAT 3136	STEM 1131		2	1	
General Elective Credit	OPT1	GNED 0000			3	0	
					<b>11</b>	<b>8</b>	<b>1</b>

Mechanical Eng Technology (METY)

Weekly  
Breakdown

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

Mechanical Eng Technology (METY)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>METY-SEM3</b>							
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	
					<b>17</b>	<b>6</b>	
<b>METY-SEM4</b>							
CAD II		CAD 4132	CAD 3132		1	3	
CAM I		CAM 4132	CAD 3132, MANF 3131		1	2	
Career Planning & Development		CARR 2130	COMM 1100		2	0	1
General Elective Credit		GNED 0000			3	0	
Dynamics of Machines		MACH 3132	MECH 2103		3	0	
ENGINEERING DATA MANAGEMENT		SYSM 1131			2	1	
Thermodynamics		THER 1101	FLUD 4131, MATH 3132		3	0	
					<b>15</b>	<b>6</b>	<b>1</b>



**Mechanical Eng Technology (METY)**

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>METY-SEM5</b>							
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	
					<b>9</b>	<b>14</b>	<b>80</b>
<b>METY-SEM6</b>							
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	
					<b>10</b>	<b>12</b>	<b>80</b>

Pharmaceutical Science (PHRS)

Weekly  
Breakdown

<i>Course Name</i>	<i>Mod</i>	<i>Code</i>	<i>Prerequisites</i>	<i>Corequisites</i>	<i>Lec Hrs</i>	<i>Lab Hrs</i>	<i>FP/Alt Hrs</i>
<b>PHRS-SEM1</b>							
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	
					<b>17</b>	<b>8</b>	<b>1</b>
<b>PHRS-SEM2</b>							
Chromatography		CHEM 1203	CHEM 1105, CHEM 1106		2	2	
Spectroscopy		CHEM 1204	CHEM 1105, CHEM 1106		2	2	
Pharmaceutical Microbiology		PHRM 1201	BIOL 1103		2	2	
Pharmaceutical Quality Control and Quality Assurance		PHRM 1202	COMM 1115, PHRM 1104		3	0	
Advanced Pharmaceutics		PHRM 1203	CHEM 1105, CHEM 1106, PHRM 1103		2	2	
Biopharmaceuticals, Cannabis and Natural Health Products		PHRM 1204	PHRM 1103, PHRM 1104	PHRM 1202	3	0	
					<b>14</b>	<b>8</b>	
<b>PHRS-SEM3</b>							
Placement		PHRS 1300	SPEC 0000		0	0	280
					<b>0</b>	<b>0</b>	<b>280</b>

Science and Engineering Fundmn (SEFD)

Weekly  
Breakdown

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

Communication Foundations		COMM 1100			2	0	1
Using Math		MATH 1118			3	0	
Technological Advancements		MDIA 1107			1	2	
The Physical World		PHYS 1100			4	0	
Success for STEM		STEM 1100			3	0	
Careers in STEM		STEM 1101			4	0	
					<b>17</b>	<b>2</b>	<b>1</b>

**SEFD-SEM2**

Planning and Sustainability		ARCH 1200			2	2	
Applied Problem Solving		ENGR 1200			0	4	
Making Things Work		ENGR 1201			2	2	
Ethics and Safety in STEM		ETHC 1205			2	2	
Understanding Data Sources and Uses		MATH 1211			2	2	
In the Lab		STEM 1201			2	2	
					<b>10</b>	<b>14</b>	