

## 5.3 Work Sheet

### Diploma Degree in Computer Engineering Technology (65 Credit Hours) - Work Sheet

#### Technology Core Requirements (39 credit hours)

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	ECET 111	Digital Circuits	4	3	3				
<input type="checkbox"/>	CPET 101	Electric Circuits	4	3	3	ConP: MA 159			
<input type="checkbox"/>	CPET 281	Local Area Networks and Management	3	2	2	Pre: CPET 181			
<input type="checkbox"/>	ECET 146	Digital Circuits II	4	3	3	Pre: ECET 111			
<input type="checkbox"/>	ECET 152	Electric Circuits II	4	3	3	Pre: CPET 101, or ECET 107 ConP: MA 159 or MAT 125			
<input type="checkbox"/>	ECET 205	Introduction to Microprocessors	4	3	3	Pre: ECET 111, ConP: ECET 264			
<input type="checkbox"/>	CPET 181	Computer Operating Systems Basics	3	2	2				
<input type="checkbox"/>	ECET 204	Analog Electronics II	4	3	3	Pre: ECET 152 or ECET 207, MA 159 or MAT 125			
<input type="checkbox"/>	ECET 296	Electronic System Fabrication	3	2	3	Pre: ECET 204			
<input type="checkbox"/>	CPET 190	Problem Solving with MATLAB	3	2	2	Pre: MA 159			
<input type="checkbox"/>	ECET 264	C Programming Language Applications	3	3	2	Pre: CPET 190			

Technology Core Req. Credits Planned (39): \_\_\_\_\_

Credits Completed: \_\_\_\_\_

Credits Remaining: \_\_\_\_\_

**Math and Science Requirements (13 credit hours)**

**Quantitative Reasoning (9 credit hours)**

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	MA 159	Precalculus	5	3	2				
<input type="checkbox"/>	MA 227	Calculus for Technology I	4	4	0	Pre: MA 159 with a grade of C-			

Quantitative Reasoning Credits Planned (9): \_\_\_\_\_

Credits Completed: \_\_\_\_\_

Credits Remaining: \_\_\_\_\_

**Scientific Ways of Knowing (4 credit hours)**

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	PHYS 218	General Physics	4	3	2	Pre: MA 159 with C- or better or MAT 125 or MAT 175 or MA 161			

Scientific Ways of Knowing Credits Planned (4): \_\_\_\_\_

Credits Completed: \_\_\_\_\_

Credits Remaining: \_\_\_\_\_

**Liberal Arts Requirements (13 credit hours):**

**English Language and Communication Skills (9 credit hours)**

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>	ENGL 100	English for Academic Studies	3	3	0				
<input type="checkbox"/>	ENGL 106	English Composition	3	4	0	Pre: ENGL 100			
<input type="checkbox"/>	COM 114	Speech Communication	3	3	0	Pre: ENGL 100			

**General Education Requirement (4 credit hours)**

	<u>Course Code</u>	<u>Course Title</u>	<u>CR</u>	<u>Contact Hours</u>		<u>Pre-Req, ConP</u>	<u>Other Information</u>	<u>Term</u>	<u>Comments</u>
				<u>Classroom</u>	<u>Lab</u>				
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									
<input type="checkbox"/>									

Liberal Arts Credits Planned (13): \_\_\_\_\_

Credits Completed: \_\_\_\_\_

Credits Remaining: \_\_\_\_\_

**Total Credits Required for Degree: 65**

**Total Credits Planned: \_\_\_\_\_ Total Credits Completed: \_\_\_\_\_**

**Total Credits Remaining: \_\_\_\_\_**