



**Technical Certificate**  
**High Voltage Lineman Technology (42 ch)**  
**Associate of Applied Science General Technology**  
**High Voltage Lineman Technology (60 ch)**

**Program Description:**

Students requiring developmental coursework may not be able to complete this program of study in four (4) semesters. Developmental courses do not count toward total degree hours. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. General education courses may be interchanged between semesters.

**Possible Prerequisites:**

Course #	Course Title
ENG 0051	Writing Seminar
ENG 0053	English Fundamentals

Year 1					
First Semester			Second Semester		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
CDT1107	Commercial Driver Training	7	ENG1203	Workplace Essentials	3
HVLT1001	Introduction to Utilities	1	HVLT1401	Heavy Construction Equipment	1
HVLT1101	Power line Right Away & Maintenance & Equipment	1	HVLT1504	Overhead Distribution Systems & Pole Framing	4
HVLT1104	Introduction to Climbing & Ground man Procedures	4	HVLT1711	Principles of Operation of High Voltage Distribution Systems	1
HVLT1203	Electrical Safety	3	HVLT1713	Introduction to Transformers	3
HVLT1403	DC and AC Circuit Analysis	3	HVLT1801	Underground Distribution	1
MATH1013	Mathematical Applications	3	MIS1033 MIS1443 MIS1503	Introduction to Computers <b>OR</b> Microcomputer Applications <b>OR</b> Technical Computer Applications	3
<b>Total Hours</b>		<b>22</b>	<b>Total Hours</b>		<b>16</b>
Summer Term					
First Summer Term			Second Summer Term		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
HVLT1904	Electrical Capstone Experience I	4			
<b>Total Hours</b>		<b>4</b>	<b>Total Hours</b>		
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Year 2					
First Semester			Second Semester		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
ENG1003	Composition I	3	HVLT2203	Advanced Transformers	3
HVLT2103	Introduction to Power Plants	3	HVLT2253	Transmission & Substations	3
<b>Total Hours</b>		<b>6</b>	<b>Total Hours</b>		<b>6</b>
Summer Term					
First Summer Term			Second Summer Term		
Course No.	Course Name	Hours	Course No.	Course Name	Hours
	*Directed elective	3	HVLT2604	Electrical Capstone Experience II	4
<b>Total Hours</b>		<b>3</b>	<b>Total Hours</b>		<b>4</b>

**ADDITIONAL NOTES:****\*Directed Elective: Select one of the following courses per your Advisor**

SPCH1203 Oral Communication, SPCH2243 Interpersonal Communication, MATH1023 College Algebra, SOC2213 Principles of Sociology, and PE1623 Concepts of Fitness

HVLT1904 Electrical Capstone Experience I is a ten-week course.