



2005 – 06 PETITION/PROGRAM SHEET
Certificate: Electric Lineworker
www.mesastate.edu/schools/utec/line.htm

About This Certificate . . .

This program covers all areas of training consisting of basic skills in studies of electricity, math, fundamentals of line work, transformer connections, and underground installation. In addition to training at the field location, all students are required to obtain a Red Cross First Aid card and a CPR card before a certificate is issued.

POLICIES:

- 1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC Catalog for a complete list of graduation requirements.
2. You must turn in your "Intent to Graduate" form to the Registrar's Office by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the UTEC Director of Instruction for signature.
5. Finally, the UTEC Director of Instruction or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).

NAME: _____ STUDENT ID # _____

LOCAL ADDRESS AND PHONE NUMBER: _____

_____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

Signature of Advisor _____ Date _____ 20____

Signature of UTEC Director of Instruction _____ Date _____ 20____

Signature of Registrar _____ Date _____ 20____

Certificate: Electric Lineworker (39 Semester Hours) Must earn a “C” or higher in each course except ELCL 111 and ELCL 120.

Course	No.	Credit	Grade	Term	Year	Trns/Subs	Course	No.	Credit	Grade	Term	Year	Trns/Subs
ELCL	<u>111</u>	<u>5</u>	—	—	—	—	ELCL	<u>137</u>	<u>2</u>	—	—	—	—
ELCL	<u>120</u>	<u>5</u>	—	—	—	—	ELCL	<u>137L</u>	<u>4</u>	—	—	—	—
ELCL	<u>131</u>	<u>4</u>	—	—	—	—	ELCL	<u>140</u>	<u>4</u>	—	—	—	—
ELCL	<u>132</u>	<u>4</u>	—	—	—	—	ELCL	<u>140L</u>	<u>2</u>	—	—	—	—
ELCL	<u>132L</u>	<u>2</u>	—	—	—	—	ELCL	<u>145</u>	<u>1</u>	—	—	—	—
ELCL	<u>136L</u>	<u>4</u>	—	—	—	—	ELCL	<u>145L</u>	<u>2</u>	—	—	—	—

- A cumulative grade point average of 2.0 or higher must be maintained for all courses taken. Must obtain a minimum of 2.00 (“C”) in each listed course, except ELCL 111 and ELCL 120.
- It is recommended that students work closely with a faculty advisor when selecting appropriate courses and scheduling classes.

Certificate: Electric Lineworker Course Requirements (39 Semester Hours)

Required Courses:

- ELCL 111 Mathematical Basic Electricity
- ELCL 120 Fundamentals of Electricity I
- ELCL 131 Electrical Distribution Theory I
- ELCL 132 Electrical Distribution Theory II
- ELCL 132L Electrical Distribution Theory II Laboratory
- ELCL 136L Related Fundamentals I/Lab
- ELCL 137 Related Fundamentals II
- ELCL 137L Related Fundamentals II Laboratory
- ELCL 140 Underground Procedure
- ELCL 140L Underground Procedure Laboratory
- ELCL 145 Hotline Procedure

SUGGESTED COURSE SEQUENCING FOR THE CERTIFICATE OF OCCUPATIONAL PROFICIENCY WITH AN EMPHASIS IN ELECTRIC LINeworker

First Semester			Hours	Second Semester			Hours
ELCL 111	Mathematical Basic Electricity	5		ELCL 132	Electrical Distribution Theory II	4	
ELCL 120	Fundamentals of Electricity	5		ELCL 132L	Electrical Distribution Theory II Lab	2	
ELCL 131	Electrical Distribution Theory I	4		ELCL 137	Related Fundamentals II	2	
ELCL 136L	Related Fundamentals I Laboratory	4		ELCL 137L	Related Fundamentals II Lab	4	
*	Standard First Aid/CPR	--		ELCL 140	Underground Procedures	4	
		18		ELCL 140L	Underground Procedures Lab	2	
				ELCL 145	Hotline Procedure	1	
				ELCL 145L	Hotline Procedure Lab	<u>2</u>	
						21	

Special Requirements and Recommendations:

- Students will be required to have current First Aid **and** CPR certification before they successfully complete the requirements of this program. This may be achieved by any of the following: (1) holding current cards; (2) obtaining American Red Cross “Standard” or “Advanced” rating **and** American Heart Association or equivalent certification, or (3) successfully completing HPWA 265 offered by Mesa State College.
- Summer and/or Fall Semester: ELCL 199, Internship (6 semester hours, 640 contact hours) is required for any students selected to participate in the Western Area Power Administration (WAPA) on-the-job training program. This portion is not a part of the program approved for VA benefits.
- Additional expenses – Students will be required to purchase or have approximately \$700.00 in tools and personal equipment. This does not include required textbooks or an adequate pair of work boots. These costs may vary with student needs and brand or quality of tools or equipment purchased. All safety glasses must meet the minimum industry safety standard of Z-87 with side shields.