



2009-2010 PETITION/PROGRAM SHEET

Award: Technical Certificate

Specialization: Electric Lineworker

www.mesastate.edu/wccc/programs.html

About This Certificate . . .

This program covers all areas of training including: 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 WCCC for signature.
5. Finally, WCCC 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

Signature of the WCCC

Date

Signature of Registrar

Date

Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration.

Degree Requirements:

- 2.00 cumulative GPA or higher in all MSC coursework.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A student must follow the MSC graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student's responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student's faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the "Undergraduate Graduation Requirements" in the Mesa State College catalog for additional graduation information.

TECHNICAL CERTIFICATE: ELECTRIC LINEWORKER

(39 semester hours)

Course No	Title	Sem.hrs	Grade	Term/Trns
MATH 108	Technical Mathematics	4	_____	_____
ELCL 120	Fundamentals of Electricity	4	_____	_____
ELCL 125	Job Training and Safety	2	_____	_____
ELCL 131	Electrical Distribution Theory I	4	_____	_____
ELCL 131L	Electrical Distribution Theory I Lab	4	_____	_____
ELCL 132	Electrical Distribution Theory II	4	_____	_____

Course No	Title	Sem.hrs	Grade	Term/Trns
ELCL 132L	Electrical Distribution Theory II Lab	2	_____	_____
ELCL 137	Advanced Electrical Distribution	2	_____	_____
ELCL 137L	Advanced Electrical Distribution Lab	4	_____	_____
ELCL 140	Underground Procedure	4	_____	_____
ELCL 140L	Underground Procedure Lab	2	_____	_____
ELCL 145	Hotline Procedures	1	_____	_____
ELCL 145L	Hotline Procedures Lab	2	_____	_____

**SUGGESTED COURSE SEQUENCING FOR THE TECHNICAL CERTIFICATE
WITH A SPECIALIZATION IN ELECTRIC LINEWORKER**

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student's responsibility to meet with the assigned advisor and check the 2 year course matrix on the Mesa State website for course availability.

First Semester			Hours	Second Semester			Hours
MATH 108	Technical Mathematics		4	ELCL 132	Electrical Distribution Theory II		4
ELCL 120	Fundamentals of Electricity		4	ELCL 132L	Electrical Distribution Theory II Lab		2
ELCL 125	Job Training and Safety		2	ELCL 137	Advanced Electrical Distribution		2
ELCL 131	Electrical Distribution Theory I		4	ELCL 137L	Advanced Electrical Distribution Lab		4
ELCL 131L	Electric Distribution Laboratory		4	ELCL 140	Underground Procedures		4
*	Standard First Aid/CPR		__	ELCL 140L	Underground Procedures Lab		2
			18	ELCL 145	Hotline Procedures		1
				ELCL 145L	Hotline Procedures Lab		2
							21

***Special Requirements and Recommendations:**

a. 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 KINE 265 offered by Mesa State College.

b. 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.

c. Additional expenses – Students will be required to purchase or have approximately \$1000.00 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.