

UTILITY TECHNICIAN

ADVANCED CERTIFICATE (C)

DESCRIPTION: This two-semester program has been developed to meet the utility industry's need for trained, entry-level employees. Students complete practical theory and hands-on training using actual equipment and materials in classroom, laboratory, and field settings.

GENERAL EDUCATION REQUIREMENTS CREDITS: 5

MTH 110	TECHNICAL MATH I (3/4)
PEH 263	WORKPLACE FIRST AID/CPR/AED (1/1)
SDE 201	JOB SEARCH STRATEGIES (1/1)

CORE PROGRAM COURSES CREDITS: 48

APP 100E	ELECTRICAL STUDIES FOR TRADES (3/4) ^A
APP 106M	INDUSTRIAL SAFETY (1/1) ^A
UTT 101	INTRODUCTION TO THE UTILITY INDUSTRY (1/1) ^A
UTT 102	CLIMBING ELEVATED WORK SITES (1/1) ^A
UTT 103	OVERHEAD CONSTRUCTION (1/1) ^A
UTT 110	LINE MECHANICS LAB I (6/10.5) ^A
UTT 111	LINE WORKER PHYSICAL FITNESS I (2/3)
UTT 202	TRANSFORMER FUNDAMENTALS (2/3) ^A
UTT 203	UNDERGROUND CONSTRUCTION (2/2) ^A
UTT 204	SYSTEM DESIGN & OPERATIONS (4/4) ^A
UTT 206	EQUIPMENT/VEHICLE OPERATIONS (2/3) ^A
UTT 208	CLIMBING & WORKING IN ELEVATED WORK SITES (2/2) ^A
UTT 210	UTILITY/LINE MECHANIC LAB (5/9) ^A
UTT 211	LINE WORKER PHYSICAL FITNESS II (2/3)
UTT 222	ELECTRIC BASIC LINE CLIMBING (4/6) ^B
UTT 223	GROUND/UTILITY WORKER (5/8) ^B
UTT 224	ENERGIZED SECONDARY WORKER (5/8) ^B

MINIMUM 53.0 CREDIT HOURS/75.5 CONTACT HOURS

NOTES:

^A Included in occupational specialty.

GPA of 2.0 or higher must be maintained in occupational specialty courses

^B Course must be taken as part of Advanced Certificate based on availability

Must complete UTT Certificate program, three (3) day Line Worker Orientation course & secure permission of the Utility Technology Program Director.

Students must be able to climb 40-foot power poles to successfully complete the first semester. Each student is expected to have: hard hat, lineman belt, safety strap and climbers, rain wear, safety glasses, various hand tools required by the trade, and work shoes for an approximate cost of \$1,800.

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ADVANCED CERTIFICATE (C)

SUGGESTED SEQUENCE OF COURSES

YEAR 1 (FALL SEMESTER)

CREDITS: 21

APP 106M	INDUSTRIAL SAFETY (1/1)
APP 100E	ELECTRICAL STUDIES FOR TRADES (3/4)
MTH 110	TECHNICAL MATH I (3/4)
SDE 201	JOB SEARCH STRATEGIES (1/1)
UTT 101	INTRODUCTION TO THE UTILITY INDUSTRY (1/1)
UTT 102	CLIMBING ELEVATED WORK SITES (1/1)
UTT 103	OVERHEAD CONSTRUCTION (1/1)
UTT 110	LINE MECHANICS LAB I (6/10.5)
UTT 111	LINE WORKER PHYSICAL FITNESS I (2/3)
UTT 203	UNDERGROUND CONSTRUCTION (2/2)

YEAR 1 (SPRING SEMESTER)

CREDITS: 18

PEH 263	WORKPLACE FIRST AID/CPR/AED (1/1)
UTT 202	TRANSFORMER FUNDAMENTALS (2/3)
UTT 204	SYSTEM DESIGN & OPERATIONS (4/4)
UTT 206	EQUIPMENT/VEHICLE OPERATIONS (2/3)
UTT 208	CLIMBING & WORKING IN ELEVATED WORK SITES (2/2)
UTT 210	UTILITY/LINE MECHANIC LAB (5/9)
UTT 211	LINE WORKER PHYSICAL FITNESS II (2/3)

YEAR 2 (FALL SEMESTER)

CREDITS: 14

UTT 222	ELECTRIC BASIC LINE CLIMBING (4/6)
UTT 223	GROUND/UTILITY WORKER (5/8)
UTT 224	ENERGIZED SECONDARY WORKER (5/8))