UTILITY TECHNICIAN

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.

BASIC CERTIFICATE REQUIREMENTS CREDITS: 38.5

APP 100E ELECTRICAL STUDIES FOR TRADES (3/4) A
APP 106M INDUSTRIAL SAFETY (1/1) A
MTH 110 or TECHNICAL MATH I (3/4) or
MTH 115 APPLIED ALGEBRA & TRIGONOMETRY I (5/6)
PEH 263 WORKPLACE FIRST AID/CPR/AED (1/1)
SDE 201 JOB SEARCH STRATEGIES (1/1)
UTT 101 INTRODUCTION TO THE UTILITY INDUSTRY (.5/.5) 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)
UTT 111 LINE WORKER PHYSICAL FITNESS I (2/3)

ADVANCED CERTIFICATE REQUIREMENTS CREDITS: 15.5

UTT 202 TRANSFORMER FUNDAMENTALS (2/3)
UTT 204 SYSTEM DESIGN & OPERATIONS (4/4)
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)

MINIMUM 38.5 CREDIT HOURS/53 CONTACT HOURS (BASIC)
MINIMUM 15.5 CREDIT HOURS/24 CONTACT HOURS (ADVANCED)

NOTES:
A Included in occupational specialty.
GPA of 2.0 or higher must be maintained in occupational specialty courses

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.