

Power Plant Technology Program



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HOPE • TEXARKANA

A University of Arkansas System College

Power Plant Technology Program

Background

JANUARY 2008 – AMERICAN ELECTRIC POWER/SOUTHWESTERN ELECTRIC POWER COMPANY ANNOUNCES INTENTION TO CONSTRUCT JOHN W. TURK POWER PLANT



Power Plant Technology Program

Background

FEBRUARY 2008 – AEP/SWEPSCO DONATION OF ONE MILLION DOLLARS TO UACCH FOUNDATION

SPRING 2008 – STAKEHOLDERS MEETINGS TO DEVELOP PROGRAM

- Identified needs
- Developed associates degree level program in Power Plant Technology with 4 options
- Components from several sources
 - NUS Training – Prime Media Curriculum
 - National Center for Construction Education and Research (NCCER)
 - Existing UAH-T programs' curriculum
 - Incorporated Credit for Experience

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Background



SPRING 2009 – PROPOSED NEW PROGRAM -AAS POWER PLANT TECHNOLOGY. BEGAN OFFERING POWER PLANT TECHNOLOGY COURSES AS PILOT PROJECT.

APPROVAL FROM ARKANSAS DEPARTMENT OF HIGHER EDUCATION TO OFFER PROGRAM

Power Plant Technology Program

Background

SPRING 2010 – U.S.
ARMY CORP OF
ENGINEERS VICKSBURG
DISTRICT ADOPTED PPT
PROGRAM AS
COMPONENT OF
APPRENTICESHIP
PROGRAM FOR NEW
POWER GENERATION
EMPLOYEES



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Background

SPRING 2013 – DEGREE CREDIT HOUR REQUIREMENTS ADJUSTED TO MEET NEW STATE REQUIREMENTS

FALL 2015 – PROPOSED ADDITIONAL PROGRAM OFFERINGS IN RESPONSE TO CHANGES OCCURRING IN INDUSTRY ALLOWING THE HIRING OF APPLICANTS WITH LADDERED CREDENTIALS

ONE SEMESTER CERTIFICATE OF PROFICIENCY IN POWER PLANT TECHNOLOGY

TWO SEMESTER TECHNICAL CERTIFICATE IN POWER PLANT TECHNOLOGY

TWO SEMESTER TECHNICAL CERTIFICATE IN POWER PLANT OPERATIONS

Power Plant Technology Program

A.A.S. Power Plant Technology

4 Degree Options



POWER PLANT OPERATIONS

ELECTRICAL AND INSTRUMENT TECH

WELDING

MACHINIST

Power Plant Technology Program A.A.S. Power Plant Technology Program Results



TOTAL GRADUATES TO DATE

111



Power Plant Technology Program

A.A.S. Power Plant Technology

Program Results



PAST GRADUATE COHORTS HAVE ACHIEVED SUPERIOR FIRST TIME PASS RATES ON PRE-EMPLOYMENT MAINTENANCE SELECTION SYSTEM (MASS) AND THE PLANT OPERATOR SELECTION SYSTEM (POSS) TESTS

OVER 50% OF EMPLOYEES AT THE JOHN W TURK POWER PLANT IN FULTON, AR ARE UAHT AAS POWER PLANT PROGRAM GRADUATES

Power Plant Technology Program

A.A.S. Power Plant Technology

Program Results



GRADUATES EMPLOYED BY WIDE RANGE OF EMPLOYERS

AEP/SWEPCO

GEORGIA PACIFIC

INTERNATIONAL PAPER

ARKANSAS ELECTRIC CO-OPERATIVES

U.S. ARMY CORPS OF ENGINEERS

ENTERGY

TOKUSEN, USA., INC.

ANHEUSER-BUSCH

AND MANY OTHERS

Power Plant Technology Program

Where Do We Go From Here



UAHT IS ACTIVELY SEEKING OPPORTUNITIES TO EXPAND PROGRAM ON NATIONAL/INTERNATIONAL LEVEL

MAJORITY OF OPTIONS IN POWER PLANT OPERATIONS CURRICULUM BASED ON MEDIA DELIVERY/WORKBOOK REINFORCEMENT ALLOWS FOR EASY DELIVERY OF SELECTED PROGRAM OPTIONS

CONVENIENT, LOW COST METHOD OF DEVELOPING WORKFORCE FOR EMERGING POWER GENERATION MARKETS WITH UA SYSTEM/UAHT PROVEN RECORD OF DELIVERING QUALITY TRAINING

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Opportunities



A unit of American Electric Power

