



WORLD CLASS CUSTOMIZED TRAINING
THE SOLUTIONS GROUP

THE CUSTOMIZED PROCESS



STEP 1

Inquiry from Industry & Solutions Group conducts a needs assessment:

- What are you looking for?
What are your goals?
- What are your results and outcomes?

STEP 2

Solutions Group staff selects an instructor with the background experience and teaching style that fits your organization. The instructor will spend time at your organization to identify company-specific processes and situation.

STEP 3

Instructor customizes the content designed to fit your needs. Course materials include examples provided from industry.

STEP 4

Solutions Group staff collaborates with industry to apply for workforce training grants.

STEP 5

Classes are delivered when and where you want them. **Your organization works 24/7 and so do we!**

STEP 6

Training has been completed! Certificates of Completion, Evaluations, and summaries are provided back to industry. Follow-up conversations from Solutions Group staff/instructors regarding training experience and whether subsequent steps are needed.



ARKANSAS NORTHEASTERN COLLEGE CENTER FOR ALLIED TECHNOLOGIES

Arkansas Northeastern College's new Center for Allied Technologies opened August 17, 2018.

Construction of the new 90,000 square foot Center for Allied Technologies began in April 2017. The Center for Allied Technologies features the headquarters for the College's customized training force—The Solutions Group, including general purpose classrooms, electrical classroom/lab, mechanical classroom/lab, safety classroom/lab, HVACR classroom/lab, computer classroom, and large multi-purpose room. Additionally, a world-class welding laboratory is available for students. ANC Technical Center students from area high schools are being served on the ANC Main Campus by classroom and lab facilities for Aviation Maintenance, Construction, Criminal Justice, Industrial Technology, Medical Professions, and Welding. The design incorporates a computer lab specifically for the ANC Technical Center.

Also featured is an aviation complex, combination non-destructive testing (NDT) and composites laboratory, and general purpose classrooms to fully accommodate ANC's Federal Aviation Administration certified Aviation Maintenance program. Other related facilities include an aircraft apron, paint booth, tool room and compass rose. The building features a two-story height aviation room, welding lab, and glass entrance tower to add to the Center's distinctiveness and appeal.

The Center is home to the newly created Arkansas Steelmaking Academy (a partnership with the SMS group of Germany) which began operations in 2019. By partnering with SMS, the Arkansas Northeastern College has become a satellite training hub for North America as a cost-effective way to gain knowledge of cutting edge techniques in steelmaking and processing. The agreement between ANC and SMS group allows companies to save the costs of overseas travel by providing a North American option for the renowned TECademy training.

The ANC Center for Allied Technologies impressively mixes high-tech and industrial components into an educational delivery mode. The cost to complete this facility was approximately \$14,400,000 including architectural and engineering fees. The new Center is supported by \$1,805,000 in private donations. Three distinctive features at the main entrance are the 52-foot vestibule tower, an entrance garden honoring the late John Correnti, and an international flag court featuring national flags representing over two dozen corporate and private donors who supported the construction costs of the Center, including Japan, Argentina, Germany, Canada, and, of course, the United States of America.



WORLD CLASS CUSTOMIZED TRAINING THE SOLUTIONS GROUP

Initially formed in 1996, The Solutions Group (TSG) is the customized training division of Arkansas Northeastern College. The Solutions Group is staffed by full-time professionals possessing both knowledge and industrial experience. Rather than teaching traditional college courses and regarding customized training as extra duties, TSG trainers are exclusively dedicated to providing training to the local industrial workforce. The Solutions Group also has a cadre of part-time trainers and consultants from which to draw for highly specialized needs. The physical headquarters of The Solutions Group is the ANC Center for Allied Technologies in Blytheville, Arkansas. Many training projects can also be delivered on the client's site through the use of mobile training equipment.

The Solutions Group keenly focuses on customer service and has an earned history of building trust with its clients. TSG strives to be a multi-dimensional provider of service and not just training. Being consistent to these principles, The Solutions Group has become Arkansas' premiere provider of customized training in terms of the range and volume of clients served, the range and volume of training projects delivered, and the volume of college credits earned through customized training.

CONTRACT TRAINING IS NOT THE SAME AS CUSTOMIZED TRAINING

Contract training normally involves offering canned or off-the-shelf programs that may or may not fit a client's particular needs. The Solutions Group offers customized training to its clients after spending the proper time to listen, analyze, and understand its client's needs. While TSG trainers often draw from prior modular elements of training, The Solutions Group custom-designs training solutions for its client's specific situations, developing new content and applications whenever necessary. Training solutions are customized not only in terms of content, but also in terms of delivery schedule: time of day, day(s) of the week, frequency — in other words, delivered on the client's schedule, not the college's schedule. If practical, training can be delivered onsite if requested by the client. Furthermore, because The Solutions Group bills by training hour instead of the traditional college approach of billing per person, there are no minimum class sizes. The length of projects is determined by the nature of our client's needs; training solutions have ranged from one hour refreshers to multi-year projects. Clients decide what, when, where, and how the training solution is developed and delivered, including whether training occurs during regular company hours or during employees' off-hours.

OUR GOAL

Our goal is to serve customers by being the highest quality, best value, most innovative, most flexible, most responsive training service provider in this region.

OUR PHILOSOPHY

We believe customer service is our number one priority. We emphasize just-in-time training to fill a need, not generalized training to fill time. Our client is the reason for our existence and we want our clients to become more productive, provide better quality, and to be as safe as possible. We believe this to be the greatest service we can provide both our clients and our community.

TRAINING OPTIONS FOR NEW OR EXPANDING COMPANIES

Although the majority of our business involves training the incumbent workforce, we have extensive experience working with newly-locating companies or clients expanding their workforce. The Solutions Group offers services that allow our clients to outsource the application and screening processes, including administering client-selected tests/assessments and verification of prior employment. Clients, of course, make all hiring decisions; TSG just makes the process easier and more streamlined. The Solutions Group works closely with the Arkansas Economic Development Commission and the Great River Economic Development Foundation to provide pre-employment and new hire training for new or expanding companies. New hire orientation programs are customized to client priorities and can include coverage of company human resources policies, regular forms/procedures, safety practices, and teambuilding, among other topics.

ARKANSAS STEELMAKING ACADEMY



SMS group
TECademy.



ARKANSAS
NORTHEASTERN
COLLEGE



Arkansas Governor Asa Hutchinson speaks to the crowd gathered as the creation of the Arkansas Steelmaking Academy was announced.

Doug Dunworth, Chief Operating Officer of SMS group Inc., met with Arkansas Northeastern College President Dr. James Shemwell and his staff to finalize an agreement creating the Arkansas Steelmaking Academy (ASA) on January 31, 2018.

SMS group prides itself on being a leading partner in the world of metals not only in North America but throughout the world. Headquartered in Germany, SMS group's largest market is steel production. The company provides world-class new equipment and actively supports operations by devising solutions throughout the process from melting and casting to rolling and finishing. SMS group serves clients such as Nucor Steel, Big River Steel, Tenaris, and TMK-IPSCO located in Mississippi County, Arkansas, as well as many other manufacturers across the country. Because of this, a North American-based training operation centrally located in Arkansas should benefit both the company and many of the clients it serves.

"By partnering with SMS, the Arkansas Northeastern College can become a satellite training hub for North America as a cost effective way to gain knowledge of cutting edge techniques in steelmaking and processing," said ANC President Dr. James Shemwell. The agreement between ANC and SMS group will allow companies to save the costs of overseas travel by providing a local option for the renowned TECademy training.



COURSE OFFERINGS

TECHNOLOGY

Basic Training - Steelmaking
Secondary/Tertiary Metallurgy,
Basic Training
Continuous Casting, Basic Training

PLANT TECHNOLOGY

Flatness measuring in flat rolling
mills - Basic Training

*Other
Arkansas Steelmaking Academy
course offerings
available upon request.*

MAINTENANCE

SMS group Hydraulic Systems - Basic
Hydraulic Cartridge Technology - Expert

TRAINING FUNDS FOR BUSINESS & INDUSTRY



The Solutions Group strives to be a multi-dimensional provider of service and not just training. Being consistent to these principles, The Solutions Group has become Arkansas' premier provider of customized training in terms of the range and volume of clients served, the range and volume of training projects delivered, and the volume of college credits.

WORKFORCE TRAINING GRANT ASSISTANCE

Office of Skills Development (OSD) Grants support the development of the Arkansas Workforce by strategically investing in training programs that are prioritized by employer needs and economic impact. The Office of Skills Development is a division of the Department of Commerce. OSD grants fall under four areas as dictated below.

GROW

Available to organizations headquartered in Arkansas with 250 or fewer employees.

PROFESSIONAL DEVELOPMENT

Typically classroom training associated with soft skills or core academic skills, as would apply to a large set of employees. Primary examples include those related to Microsoft Office products as well as Leadership, Supervision, Conflict Resolution, Safety and the like.

CUSTOMIZED TRAINING

It is typically associated with highly technical training that is specific to or customized for a certain industry, skill, or equipment.

SKILLS GAP

Addresses critical gaps in workforce skills having the most direct impact on skills and economic attainment, typically demanded by a regional or industry-wide need, not a single organization.

After successful submission of the grant application for customized training, OSD will provide a letter to the company indicating the percentage of reimbursement for the training if awarded. By the discretion of the Office of Skills Development, training programs may award up to 75% of the total cost of training in reimbursement to the company. The Solutions Group is responsible for administering, monitoring, and finalizing all workforce training grants.

Great River Economic Development Foundation (GREDF)

Each year, the Mississippi County Quorum Court approves workforce training dollars. This funding can be assessed by existing industries to update employee skills. The Solutions Group at Arkansas Northeastern College, which is a group of specialized staff and instructors dedicated to working with all industries in Mississippi County, provides training and grant assistance.

The Solutions Group's Director for Industrial Training is responsible for administering and monitoring all workforce grants.



Mississippi
County

ARKANSAS
Our Greatest Industry Is Hard Work



ELECTRICAL SYSTEMS

“Our students in the electrical program work with equipment that is at the forefront of modern industrial systems. Classes consist of both up-to-date theory of operation and industrial control systems in use today. Training in this area is also tailored to fit customers’ needs, giving their employees the most efficient knowledge and tools for the job.”

STEVE CROSSKNO, Instructor of Electricity and Electronics

ELECTRICITY

Customizable course that offers training in circuits, voltage, current, Ohm’s Law, resistors, and electromagnetism with hands-on application.

AC/DC MACHINES

Introduces the operation of both static and rotating electrical machines including motors, generators, and transformers.

INDUSTRIAL MOTOR CONTROLS

Provides theory and hands-on training in the area of electric motor controls. Theory is applied in lab experiments.

PROGRAMMABLE LOGIC CONTROLLERS [TROUBLESHOOTING]

Hands-on study of basic PLC hardware and programming used for controlling machines and processes in industry.

INSTRUMENTATION & CONTROL

Topics include open and closed-loop systems, pressure instrumentation, temperature control, instrument calibration, and controller tuning.

ADVANCED PLC

Introduces the trainee to more advanced programming and application topics related to PLCs.

PRINCIPLES OF ELECTRONICS

Lab-based applications provide study of electrical laws and principles pertaining to DC and AC circuits. Topics covered include current, voltage, resistance, power, inductance, capacitance, and transformers.

AC VARIABLE SPEED DRIVES

Training provides coverage of electric motor drive theory, operation, and application.

DEPARTMENT OF LABOR ELECTRICAL APPRENTICESHIP

576 hour program taken over the span of 4 years. Once the program is finished, the student will test for the Journeyman’s license. Supervised by Master Electrician.

MANUFACTURING/MECHANICAL SYSTEMS

HYDRAULICS

Covers the basic principles of hydraulics as they apply to industrial equipment. Complete hydraulic systems are studied including fluids, reservoirs, pumps, valves, actuators, and troubleshooting techniques. Training includes hands-on applications with hydraulic training equipment.

PNEUMATICS

Covers the basic principles of pneumatics as they apply to industrial equipment. Complete pneumatic systems are studied including directional control valves, cylinders, regulators, flow control valves, compressors, air preparation units, pneumatic circuits, and troubleshooting techniques. Training includes hands-on applications with pneumatic training equipment.

PREVENTATIVE MAINTENANCE

Training designed to introduce the care and service operation to personnel for the purpose of maintaining equipment and facilities in satisfactory condition.

MECHANICAL DRIVES & BEARINGS

Examines the uses of basic machines in industrial settings. Topics covered include mechanical drive devices, gears, gear drives, belts, belt drives, chains, bearings, sprockets, and lubrication.

CORRECT USE OF HAND & POWER TOOLS

Explains the proper use of hand and power tools and allows time for hands-on training for tools.

MECHANICAL MEASUREMENTS

Hands-on application-based training to raise the participants’ awareness about the importance of measurement verification in order to guarantee quality.

BLUEPRINT READING

Presents an overview of methods used in presenting and interpreting a variety of industrial blueprints and schematics. Topics will include engineering drawings in the machine and electrical fields, construction blueprints including structural fabrication and erection drawings, piping drawings and architectural drawings.

FULL LIST OF TOPICS AVAILABLE UPON REQUEST. COURSES MAY CARRY COLLEGE CREDIT. CONTACT THE SOLUTIONS GROUP FOR DETAILS.





WELDING OPERATIONS

“ANC and The Solutions Group offer an extensive welding program covering manufacturing/maintenance needs, advanced techniques in pipe welding, and site specific customized training.” **BRENT CARROLL**, *Welding Instructor*

OXYGEN/ACETYLENE SAFETY AND ORIENTATION

Trainees will learn the safe and proper procedure to transport and secure high-pressure cylinders, to install regulators onto the cylinders, and to adjust regulator pressure. Instruction will be given in proper care of oxy/fuel torches of several varieties and brand names. Emphasis will be given to proper cleaning of the torch tip.

BASIC BLUEPRINT READING

Includes introduction to basic lines and views of orthographic projection. Emphasis is put on the ability to interpret welding symbols as recognized by the American Welding Society.

SHIELDED METAL ARC PIPE WELDING

Provides the trainee with the required knowledge to fit pipe to be welded with the SMAW welding process. Through an established progression of practice, the trainee should become proficient at welding pipe in the 2-G, 3-G, and 6-G positions. Qualifications will be available to those who achieve that level of expertise. Tests will be conducted in accordance with ASME Sec. IX Pipe Welding Code.

TUNGSTEN INERT GAS [TIG] WELDING

Provides the trainee with the required knowledge to fit pipe to be welded with the TIG welding process. Through an established progression of practice, the trainee should become proficient at welding pipe in the 2-G, 5-G, and 6-G positions. Training should include practice on six-inch pipe, advancing to TIG welding of small diameter pipe all the way out. Qualifications will be available to those who achieve that level of expertise. Tests will be conducted in accordance with ASME Sec. IX Pipe Welding Code. Continued practice with the SMAW welding process will be required in this course.

GAS METAL ARC WELDING

Provides the trainee with the required knowledge and skill to set-up and operate GMAW equipment. Through an established progression of practice, the trainee should become proficient at welding Fillet and Groove welds in all positions. Progression is competency based.

TUNGSTEN INERT GAS MANUFACTURING

Provides the trainee with the required knowledge to set-up and operate TIG welding equipment. Through an established progression of practice, the trainee should become proficient at welding Fillet and Groove welds in all positions, to include High Frequency on Aluminum and Stainless Steel of various thicknesses.

ALUMINUM WELDING

Covers basic aluminum GTAW (Gas Tungsten Arc Welding) on plate in various positions.

FLUX CORED ARC WELDING

Provides the trainee with the knowledge to set-up and operate FCAW welding equipment. Through an established progression of practice, the trainee should become proficient at welding Fillet and Groove welds in all positions. Progression is competency based.

WELD THEORY

Delivered in a classroom setting. Covers the scientific background for the welding process.

BASIC PIPE FITTING

Teaches how to determine take offs for pipe runs/cut lengths and prepare pipe and fittings for full penetration weld.

METAL FABRICATION

Trainees will learn the safe and proper method to transport and secure high-pressure cylinders, to install regulators onto the cylinders, and adjust pressure.

GAS TUNGSTEN ARC WELDING

Provides the trainee with the required knowledge and skill to set-up and operate GTAW equipment. Through an established progression of practice, the trainee should become proficient at welding Fillet and Groove welds in all positions. Progression is competency based.

SMAW STRUCTURAL WELDING

The trainee shall develop an ability to do Shielded Metal Arc welding safely and pass tests that meet the specifications set forth in the American Welding Society's Structural Welding Code. Through an established progression of practice, the trainee should become proficient at welding Fillet welds in the 1F, 2F, 3F and 4F positions and Partial Joint Penetration and Complete Joint Penetration V-Groove welds in the 1G, 2G, 3G and 4G positions.

FULL LIST OF TOPICS AVAILABLE UPON REQUEST. COURSES MAY CARRY COLLEGE CREDIT. CONTACT THE SOLUTIONS GROUP FOR DETAILS.

AMERICAN WELDING SOCIETY (AWS) QUALIFICATIONS

TSG provides AWS Qualifications by a Certified Welding Inspector. These qualifications are customized to fit the company's scope of work.



SAFETY/ENVIRONMENTAL

“The Solutions Group has several instructors with many years of combined industrial experience. We offer up-to-date OSHA compliance training, customized training, and consulting services. Our classrooms have excellent training equipment or we can offer our services at your facility. We have many client-customers who request our services year after year.”

ROB SEMMEL, INDUSTRIAL TECHNOLOGIES INSTRUCTOR

OSHA PROCEDURES OUTREACH PROGRAMS

- OSHA 10 HR
- OSHA 30 HR
- Hazard Analysis Program
- HAZWOPER (OSHA 1910.120(q))
- Lab Safety Procedures, HazMat Awareness Level, HazMat Operations Level

PERSONAL PROTECTIVE EQUIPMENT

Teaches both the responsibilities of the employer and the employee, as required by the OSHA Standards found in 29 CFR 1910. Also focuses on the employee taking personal responsibility for his/her own safety.

LOCK OUT/TAG OUT

Teaches the Control of Hazardous Energy (electrical, hydraulic, pneumatic, chemical, etc.) and compliance with OSHA Standards as found in 29 CFR 1910.147, as well as procedures to protect personnel from potentially fatal hazards.

ACCIDENT INVESTIGATION

Designed to equip the student with the knowledge and skill needed to conduct accident investigations and complete mandatory reporting as required by OSHA. An overview of regulations will be provided and investigative procedures, problem solving techniques, and reporting will be studied

FIRST AID/CPR/AED

Designed to introduce trainees to basic first aid concepts and practices in the workplace. Practical application and examination will support lecture topics studied in the course, including cardio-pulmonary resuscitation (CPR).

FIRST RESPONDER MEDICAL

Designed to prepare a person to assist Emergency Medical Technicians and assess injuries and provide immediate care. This is the next step after Basic First Aid and CPR.

PERMIT REQUIRED CONFINED SPACE ENTRY

Teaches the OSHA Standard requirements as found in 29 CFR 1910.146. Theory and practical application for involved personnel are emphasized.



LEAN MANUFACTURING

PRINCIPLES OF LEAN MANUFACTURING

Working from the perspective of the customer who consumes a product or service, training focuses upon eliminating expenditure of resources that do not create value for the end customer, whether external or internal. Lean principles are derived from the Japanese manufacturing industry.

6S

Teaches workplace efficiency through application of the 6S principles - sorting, safety, straightening, shining, standardizing, and sustaining. Training includes theory and client specific applications.

VALUE STREAM MAPPING

A type of lean management method for analyzing the current state and design for future series of events.

SIX SIGMA

Six Sigma is a set of techniques and tools for process improvement in an organization. White Belt, Yellow Belt, Green Belt, Black Belt.





SOFT SKILLS

Soft skills are personal attributes that enhance an individual's interactions, job performance, and career prospects. Soft skills include communication, customer service, time management, and leadership/teamwork abilities. The Solutions Group has customized training programs for emerging and existing leaders.

CONFLICT MANAGEMENT

Introduces processes to limit negative aspects while increasing positive aspects of conflict.

TEAMBUILDING

Concepts covered include recognizing and understanding personality types/traits, the team concept, aspects of successful teams, obstacles to the team approach, and appreciating/utilizing diversity. Emphasis is placed on working in teams and role playing examples.

SPECTRUM DEVELOPMENT

The purpose of Spectrum Development is to recognize the natural gifts, skills, and preferences of yourself and those around you. Through this, you gain a deeper understanding of the impact you have on others in the workplace. This training can be geared towards existing or potential managers, leaders, and/or supervisors.

SUPERVISION

Topics covered include how to be an effective manager, how to supervise using different leadership styles, and grievance procedures.

TIME MANAGEMENT

Applying scenario based planning and exercising conscious control over the amount of time spent on activities. Teaches tactics to increase effectiveness, efficiency and productivity.

CUSTOMER SERVICE

Training focuses on the development of skills and attitudes necessary to provide customer service. The importance of the customer, satisfying customer needs, the keys to effective customer service, and retention strategies related to customer service are addressed. Trainees learn effective techniques to resolve problem situations.

COMPUTER SKILLS & APPLICATIONS

The Solutions Group teaches the knowledge to utilize computers and related technology efficiently in the workplace. Skills taught range anywhere from elementary use to programming and problem solving. Understanding how computers work and operate is a valuable component amongst employees. Many companies have become dependent upon computers to help run their operations more efficiently.

INTRO TO COMPUTERS

Covers basic introductory computer concepts. A range of topics from hardware and software applications, communication systems, and basic functions of the internet are incorporated.

AUTOCAD FUNDAMENTALS

Using the CAD program, the trainee is introduced to design techniques, program capabilities, and deficiencies of a typical Computer Aided Drafting program. Experience will be gained in both engineering and design.

MICROSOFT POWERPOINT

Teaches legibility, simplicity, and clarity in developing and creating effective visual presentations. Trainees will create slides, customize templates, create visual animations, and apply visual design with hands-on application and practice.

MICROSOFT EXCEL

The trainee will learn how to use today's most popular spreadsheet system, providing hands-on experience creating spreadsheets, formulas, printing and creating graphics and using database features.

MICROSOFT ACCESS

Explores the key concepts, features, and commands of the leading Windows-based database program.

MICROSOFT PROJECT

Trainees will learn how to create and modify task lists, establish a project schedule, create calendars, assign resources to tasks, track costs, and work with different views and tables.

MICROSOFT WORD

Designed to teach students how to use Microsoft Word. Functions include creating documents, editing, copying, pasting, fonts, and printing.

 Employment test and
MOS Certifications Available





INDUSTRIAL SCIENCE

ISO OVERVIEW

Introduces the ISO purpose and process including ISO internal auditing, implementation, and documentation.

FAILURE MODE AND EFFECTS ANALYSIS

Training designed to identify areas that could be problematic in the workplace.

INTERNAL QUALITY AUDITING

Training designed to teach skills through activities on conducting internal quality audits.

BASIC METALLURGY

Designed to provide a working knowledge of metallurgical terminology, background of material types, and understanding mechanical properties and test methods.

METALLURGY OF STEEL MAKING AND TESTING

Covers the processes of manufacturing steel with emphasis upon the important characteristics, properties, quality testing, and applications of steel products.

NON-DESTRUCTIVE TESTING (NDT)

Training can be broken down into several areas such as Ultrasonic Inspection, Eddy-Current, Flux Core Leakage, and other areas. Content consists of theory and hands-on inspection of systems and basic data interpretation.

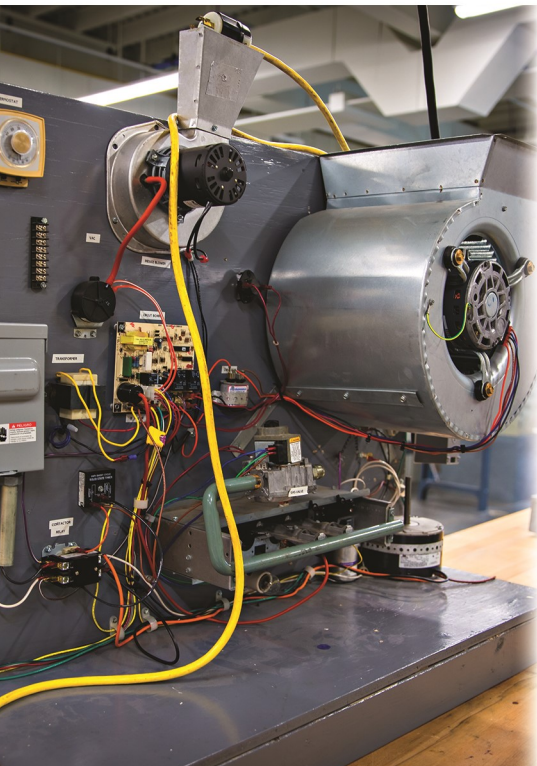
MATH APPLICATIONS FOR MANUFACTURING

Reviews basic mathematical concepts in the context of technical areas and builds on those skills to include applications in measurement, using formulas, applied geometry, basic statistics, and graphing.

HEATING, VENTILATION, AIR-CONDITIONING, & REFRIGERATION

“*Trainees in HVACR courses work with commercial HVACR equipment. Classes consist of both current technology and future changes to the operation and maintenance of a variety of HVAC equipment. Training can be customized to fulfill customer needs, providing their employees efficient knowledge for their job requirements.*”

RICK SONES, HVACR & ELECTRICAL INSTRUCTOR



INTRODUCTION TO AIR-CONDITIONING

Demonstrates the history and development of refrigeration. Identification and use of hand and special tools, as well as, measurement using rules will be taught.

EPA 608 REFRIGERANT (8HRS)

This is an 8 hour class and exam. Alternatively, exam only can be requested.

HVACR EXCELLENCE (ICE EXAM)

Nationally recognized certification for an HVACR technician in a variety of fields.

SCHEMATICS

Trainee will learn how to read, draw, and interpret wiring diagrams for a variety of air-conditioning equipment.

GAS & ELECTRIC HEAT

Provides the trainee with the basic components of gas and electric heating systems.

ELECTRICAL COMPONENTS & MOTORS

Teaches the characteristics of alternative current waves, phase relations, transfer action and its use with controls and motors.

HVAC ELECTRICITY

Provides a study of electricity, its effects, and its behavior. This knowledge of the fundamentals will prepare trainees to understand the construction and operation of electric motors, controls, and circuits used for refrigeration and air-conditioning.

RESIDENTIAL SYSTEMS

The study of major components and control devices for cooling systems.

FULL LIST OF TOPICS AVAILABLE UPON REQUEST. COURSES MAY CARRY COLLEGE CREDIT. CONTACT THE SOLUTIONS GROUP FOR DETAILS.



AVIATION MAINTENANCE

Arkansas Northeastern College offers a Federal Aviation Administration-certified Aviation Maintenance Technician (AMT) program consisting of 1,956 clock hours of training. Program participants receive extensive hands-on training in the following subjects, among others, in process of being licensed by the FAA as Airframe & Powerplant Mechanics:

- PROPER USE OF HAND/POWER TOOLS
 - ELECTRICAL REPAIR
 - HYDRAULICS/PNEUMATICS
 - MAINTENANCE WELDING
- SHEET METAL FABRICATION
 - NON-METALIC STRUCTURES
 - ASSEMBLY & RIGGING
 - TURBINE & RECIPROCATING ENGINES
- ELECTRICAL/INSTRUMENT/
FUEL/LUBRICATION SYSTEMS
MAINTENANCE

In compliance with FAA guidelines, the training program constantly and consistently reinforces through inspection techniques, strict use of manufacturers' equipment designs/instructions, and meticulous keeping of maintenance records. These attributes, combined with the range of skill attainment gained through the program, make AMT graduates attractive candidates for maintenance positions at a wide-variety of industrial employers, aerospace-related or otherwise. Customized training of specific program modules are available.

CONSTRUCTION TECHNOLOGY/HEAVY EQUIPMENT

The Construction Technology program is designed to prepare students for entry level construction jobs. Students will learn the basics of construction safety, math, and power and hand tools. Students will develop skills in construction welding, concrete finishing, rigging, and light equipment usage.

- OSHA 10 GENERAL INDUSTRY
 - FORKLIFT TRAINING
 - AERIAL LIFT
- FIRST AID CPR
 - SCISSOR LIFT
 - BASIC RIGGING
- NCCER CRAFT SKILLS CERTIFICATION
 - INTERMEDIATE RIGGING
 - OVERHEAD CRANE
 - CONCRETE FINISHING

...AND MORE

FULL LIST OF TOPICS AVAILABLE UPON REQUEST. COURSES MAY CARRY COLLEGE CREDIT. CONTACT THE SOLUTIONS GROUP FOR DETAILS.



W.O.R.K.

WORKFORCE ORIENTATION & RETRAINING KEYS

COMPLETERS EARN:



AMERICAN HEART ASSOCIATION
CPR CERTIFICATION



NATIONAL CAREER READINESS
CERTIFICATE (NCRC)



3 HOURS OF ANC CREDIT
* OSHA 10

TRAINING CONSISTS
OF 70-72 TOTAL HOURS
OF TRAINING OVER A
6-8 WEEK SPAN

NO COST TO THE
TRAINEE!!!

PROVIDING INDIVIDUALS WITH THE **NECESSARY SKILLS**
AND **SUPPORT** TO ACCESS JOB OPPORTUNITIES

- ◎ MATH SKILLS
- ◎ PROBLEM SOLVING
- ◎ CORRECT USE OF TOOLS
- ◎ BASIC COMPUTER SKILLS
- ◎ WORKPLACE ETHICS
- ◎ COMMUNITY MENTORS
- ◎ JOB INTERVIEW PREPARATION
- ◎ RESUME WRITING



CLIENTS



ABC Construction
ACPC
Arkansas Economic Development Commission
Algonquin
AllMet
American Greetings
American Railcar Industries
Anchor Packaging
Arkansas Methodist Memorial Hospital
ArkWestEnergy
Arkansas Steel Processing
Aviation Repair Technologies
Atlas Tube
Awesome Products Inc.
Baker Implement
Ball Corporation
Baptist Hospital
Becker Fabrication
Beckmann-Volmer
Beelman Trucking
Big River Steel
Blytheville Fire Department
Blytheville Gosnell Regional Airport Authority
Black River Technical College
Blytheville Schools
Blue Oak Arkansas
Boar's Head
Borg-Warner
Bush Brothers
Butterball Maintenance Program
City of Osceola
Child Support Offices
ConAgra
D&L HVAC
Darling Fixture
Dawson Electric
Dawson Welding
DENSO
Department of Human Services
Dever Electric
Dollar General
Dyersburg State Community College
East Arkansas Community College
Eastman Chemical
EIS Brake

EnergexTube
EOC Headstart
Evonik-Cyro
Farmer's Bank and Trust
Farmer's National Bank
Federal Mogul
Five Star Hydraulics
Friedman Steel
Garlock Rubber
Gearbuck
Gearhart
Gilster-MaryLee
Great River Medical Center
Grover Canada
HINO Motors
Huntco
ID International
IFS
IPSCO
JMS Processing
Juno, Inc.
Kagome Creative Foods
Kemlite
Kinder-Morgan
Lexicon Inc. (Schueck)
Maverick Tube
M.A.R.S. Repair Shop
Milwaukee Electric Tool Company
MG Industries
Mid-Continent Coal & Coke
Mid-South Manufacturing
Missco Implement
Mississippi County EOC
Mississippi County Library
Motor Appliance
New Motor Tech
NIBCO
NicePak
Norac
Northeast Arkansas Correctional Facility
NSK Dyersburg
Nucor Steel
Nucor Yamato Steel
Omnium
Osceola Products

Osceola Schools
Osceola SMC Chamber of Commerce
Outokumpu
PACO Steel
Paragould Chamber of Commerce
Phillips County Community College UA
PIZO
Plum Point Entergy (NRG)
Precoat Metals
Prestolite Wire
Prospect Steel
REA Wire
Regal-Beloit
Resource-Tek
Ryerson
Sanders Pressure Washing
SCAP
Sharp Manufacturing
Primetals (Siemens, SRT)
Nucor Skyline Steel
SMS Millcraft
Southern Bancorp
Southworth
SR of Arkansas
Staplcotn
Stracener Brothers
Systems
Systex
Teleflora
Telling Industries
Tenaris Hickman
Tenaris Houston
Tenneco
Terra Nitrogen
TMS International
Trident
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Viskase
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Zachary Construction

ROOM RENTAL / OFFICE SPACE RENTAL

Need an off-site room with presentation technology for a company meeting or a computer lab for specialized vendor training?

Contact The Solutions Group to reserve a room at our facilities. We will take care of providing refreshments and/or setting up catering services, if desired.



CUSTOMIZED TRAINING IS BENEFICIAL WHEN:

- ▶ There are new employees who need to be oriented and trained to do their jobs
- ▶ You have promoted employees to first-level supervisory positions
- ▶ You have upgraded your technology or planning to do so
- ▶ Updating or implementing Safety Procedures (OSHA)



WHY CHOOSE US?

CREATIVE

Our team offers a wide variety of training programs designed to enhance your business.

FLEXIBLE

Whether seeking a one-off session or an ongoing program, we can adapt any class to fit your organizational needs.

EFFECTIVE

For more than 20 years, we have successfully advanced careers, reduced turnover and increased retention.

CONVENIENT

Flexible scheduling, location, and a readily accessible training facility.

COMPETITIVE

We offer high-quality training at a competitive price. Get the most out of your investment.

Visit our Training BLOG: <http://ancsolutionsgroup-tsg.blogspot.com>

GENE BENNETT

Vice President for Workforce Development
GBENNETT@SMAIL.ANC.EDU
870-740-1289

STACEY WALKER

Director of Industrial Training
SWALKER@SMAIL.ANC.EDU
870-838-2966



ARKANSAS NORTHEASTERN COLLEGE

2501 S. DIVISION ST.
BLYTHEVILLE, AR 72315
870-763-6222

SOLUTIONSGRP@SMAIL.ANC.EDU

WWW.ANCOLUTIONSGROUP.COM
WWW.FACEBOOK.COM/THEOLUTIONSGROUP