

Semester 3

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|---|-----------------|
| WDT 228 Gas Tungsten Arc Welding | 3 hours |
| WDT 268 Gas Tungsten Arc Welding/ Lab | 3 hours |
| MTH 116 or any 100-level MTHs | 3 hours |
| INT 119 Principle of Mechanical Measurement and Technical Drawing..... | 3 hours |
| Total..... | 12 hours |

**Eligible for AWS Certification*

Semester 4

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|--|-----------------|
| WDT 157 Consumable Welding Processes..... | 3 hours |
| WDT 158 Consumable Welding Processes..... | 3 hours |
| Area III Math or Science or Computer Science Elective..... | 3 hours |
| SPH 107 Fundamentals of Public Speaking | 3 hours |
| WKO 106 Workplace Essentials..... | 3 hours |
| Total..... | 15 hours |

**Eligible for a Certificate in Industrial Systems Technology-WDT, National Career Readiness Certificate and OSHA 10 Hour Card and AWS Certification*

Semester 5

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|---|-----------------|
| WDT 180 Special Projects..... | 3 hours |
| WDT 181 Special Projects/Lab..... | 3 hours |
| Area IV History, Social, and Behavioral Science | 3 hours |
| Cooperative Education Electives | 3 hours |
| Choose from: ADM 150, ADM 151, ADM 152, ADM 153, ADM 154 | |
| Total..... | 12 hours |

**Eligible for AWS Certification*

**Eligible for AAS degree in Industrial Systems Technology –
Welding Option**

WORKPLACE SKILLS

**Short-Term Certificate in Workplace Skills
– Certified Production Technician**

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|--|-----------------|
| WKO 131 or WKO 110 | 3 hours |
| WKO 132, ENT 221, INT 119, ADM 101, or MTT 148 | 3 hours |
| WKO 133, MTT 147, ENT 106, or DDT 117..... | 3 hours |
| WKO 134, INT 126, or ENT 242 | 3 hours |
| Total Hours Required for Short-Term Certificate | 12 hours |

ALLIED HEALTH LINKAGE PROGRAMS

Northeast Alabama Community College is involved in a cooperative linkage program with other community colleges. The first year general education prerequisite courses are completed at Northeast. After acceptance to the health program, students may transfer to complete coursework in their chosen field of study. The following programs are offered through this arrangement:

- Dental Assisting
- Dental Hygiene
- Diagnostic Imaging
- Diagnostic Medical Sonography
- Health Information Technology
- Clinical Laboratory Technician
- Occupational Therapy Assistant

- Physical Therapy Assistant
- Respiratory Therapy

For specific details regarding each program, students should contact Dr. Sharon Totten, Director of Advising, (tottens@nacc.edu) for more information. Office: 100 Wallace Administration Building (WA), phone ext. 2245.

Below are some examples of Allied Health Programs:

Associate in Applied Science in Diagnostic Imaging

This program is designed to provide technologists for Diagnostic Imaging Departments of hospitals and clinics. Students are taught the fundamental principles underlying all phases of Radiologic Technology. Upon graduation, the student is eligible to apply to take the registry examination of the American Registry of Radiologic Technologists (65 1-687-4448). According to the American Registry of Radiologic Technologists, application for certification to practice as an R.T. may be denied if a person has been convicted of a felony, is guilty of a crime involving moral turpitude, and/or has displayed other grounds for denial by law.

Associate in Applied Science in Physical Therapist Assistant

The Physical Therapist Assistant (PTA) is a skilled technical health care worker who assists the physical therapist in providing services that help improve mobility, relieve pain, and prevent or limit permanent physical disabilities of patients suffering from injuries or disease. Patients include accident victims and individuals with disabling conditions such as low-back pain, arthritis, heart disease, fractures, head injuries, and cerebral palsy. Duties of the physical therapist assistant are varied but include rehabilitation of orthopedic, neurological, pediatric, and sports related problems. Once a patient is evaluated and a treatment plan is designed by the physical therapist, the physical therapist assistant can provide many aspects of treatment, as prescribed by the therapist. Components of treatment procedures performed by these workers involve exercise, massage, electrical stimulation, paraffin baths, hot and cold packs, traction, and ultrasound. The physical therapist assistant is responsible for reporting patient responses and treatment outcomes to the physical therapist. Physical therapists assistants are employed by hospitals, rehabilitation centers, nursing homes, home health care agencies, private practices and other specialized health care settings.

Associate in Applied Science in Respiratory Therapy

A respiratory therapist is responsible for administering, under physician’s prescription, many types of breathing therapeutics, and utilizing specialized breathing, aerosol and humidification equipment. These include the use of oxygen or oxygen mixtures, chest physiotherapy, mechanical ventilation, and aerosol medications. Respiratory therapists evaluate and treat all types of patients, ranging from premature infants whose lungs are not fully developed to elderly people whose lungs may be diseased. Respiratory therapists provide temporary

relief to patients with chronic asthma or emphysema, as well as emergency care to patients who are victims of a heart attack, stroke, trauma, drowning, or shock. They perform limited physical examinations, and conduct diagnostic tests that assess breathing capacities and determine the concentration of oxygen and other gases in patients. The respiratory therapist works closely with the physician and also directly with the patient in the treatment situation by performing regular assessments of patients and equipment.

Associate in Applied Science in Surgical Technician

Surgical technologists are allied health professionals, who are an integral part of the team of medical practitioners providing surgical care to patients. Surgical technologists work under the supervision of a surgeon, ensuring that the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety. Surgical technologists possess expertise in the theory and application of sterile and aseptic technique and combine the knowledge of human anatomy, surgical procedures, and implementation tools and technologies to facilitate a physician’s performance of invasive therapeutic and diagnostic procedures.

Associate in Applied Science in Funeral Service

The Funeral Service Education Program is designed for those who have a state board sanctioned apprenticeship and who are actively seeking to satisfy their particular state licensing requirements. Students must complete an apprenticeship specified by the state in which they expect to practice before they will be eligible for licensure. The student is given a broad understanding of funeral home operation, funeral directing, public health and embalming along with a foundation in communication skills, social science and applied science. The Funeral Service Education Program requires that students complete the National Board Examination given by the International Conference of Funeral Service Examining Boards before they can graduate.

Associate in Applied Science in Veterinary Technician

Veterinary technicians assist veterinarians by performing duties such as teeth cleaning, electrocardiography, bandaging, wound cleaning, surgical site preparation, radiology (x-rays), some types of injections, administering oral medications, suture removal, surgery assistant, and laboratory duties to include hematology, urinalysis and blood chemistry. An Alabama veterinary technician may not perform surgery or prescribe medications. Most courses require the student to work at least 20 hours per week at an approved clinical site to complete the required clinical tasks.

SKILLS TRAINING DIVISION

The Skills Training Division provides educational opportunities for all adults, regardless of prior educational attainment. Most of these programs do not require a high school diploma or GED. Activities include:

- Non-credit training programs that lead to workforce credentials
- Non-credit workshops and seminars for professional or personal development
- Incumbent worker training programs
- Workforce assessments, including ACT WorkKeys®
- Certification and examination services, including Microsoft and Certiport
- Non-credit online programs and courses that lead to workforce readiness

For information about any of the services provided by the Skills Training Division, contact Ms. Julie George at 256-228-6001 or 638-4418, extension 2214.

Short-term Non-credit Training Programs

Training programs are offered to meet current workforce needs. Since programs are dependent upon current needs, the following list of programs and requirements are subject to change and reflect requirements at the time of printing.

Diversified Health Occupations

This program is designed to give graduates multiple pathways to employment in the health care field. Upon completion of the program, graduates will be eligible to take certification exams for EKG technician, phlebotomy technician, and pharmacy technician. This program does not offer college credit and will not lead to a college degree.

Courses Required:

| Course Number | Course Title | Clock Hours |
|---------------|-------------------------|-------------|
| SDC 001 | WorkKeys | 8 |
| SDA 050 | Healthcare Fundamentals | 80 |
| SDC 013 | Pharmacy Technician | 50 |
| SDC 036 | Phlebotomy Technician | 112 |
| SCD 025 | EKG Technician | 50 |

EKG/Cardiovascular Technician

This program is designed to give graduates opportunity for entrylevel employment as an EKG technician. This program does not offer college credit and will not lead to a college degree. Certification as an EKG technician is available to those who qualify.

Courses Required:

| Course Number | Course Title | Clock Hours |
|---------------|----------------|-------------|
| SCD 025 | EKG Technician | 50 |

Home Health/Hospice Aide

This program is designed to give graduates opportunity for entry-level employment as a nursing assistant/home health aide. This program does not offer college credit and will not lead to a college degree. Certification as a nursing assistant is available to those who qualify. Additional training in home health care will be provided as part of this program.

Courses Required:

| Course Number | Course Title | Clock Hours |
|---------------|-------------------|-------------|
| SDC 001 | WorkKeys | 9 |
| SDC 051 | Nursing Assistant | 90 |
| SDC 065 | Home Health Aide | 50 |

Nursing Assistant

This program is designed to give graduates opportunity for entry level employment as a nursing assistant/home health aide. This program does not offer college credit and will not lead to a college degree. Certification as a nursing assistant is available to those who qualify.

Courses Required:

| Course Number | Course Title | Clock Hours |
|---------------|-------------------|-------------|
| SDC 001 | WorkKeys | 8 |
| SDC 051 | Nursing Assistant | 90 |

Patient Care Technician

This program is designed to give graduates multiple pathways to employment in the health care field. Upon completion of the program, graduates will be eligible to take certification exams for nursing assistant, EKG technician, and phlebotomy technician. This program does not offer college credit and will not lead to a college degree.

Courses Required:

| Course Number | Course Title | Clock Hours |
|---------------|-------------------------|-------------|
| SDC 001 | WorkKeys | 8 |
| SDA 050 | Healthcare Fundamentals | 80 |
| SDC 051 | Nursing Assistant | 90 |
| SDC 036 | Phlebotomy Technician | 112 |
| SCD 025 | EKG Technician | 50 |

Pharmacy Technician

This program is designed to give graduates pathways to employment as a pharmacy technician. Successful completers of this program will be eligible to take the national certification exam for pharmacy technicians. This program does not offer college credit and will not lead to a college degree.

Courses Required:

| Course Number | Course Title | Clock Hours |
|---------------|---------------------|-------------|
| SDA 013 | Pharmacy Technician | 50 |

Phlebotomy Technician

This program is designed to give graduates pathways to employment as a phlebotomy technician. Successful completers of this program will be eligible to take the national certification exam for phlebotomy technicians. This program does not offer college credit and will not lead to a college degree.

Courses Required:

| Course Number | Course Title | Clock Hours |
|---------------|-----------------------|-------------|
| SDA 036 | Phlebotomy Technician | 112 |

For more information about any non-credit short-term training programs, contacts Ms. Julie George at 256-228-6001, extension 2214 or 256-638-4418, extension 2214. Upcoming class schedules and cost estimates are available on the web at www.nacc.edu/workforce. Click on "Programs".

Workshops and Seminars

A variety of workshops and seminars for both personal and professional development are offered throughout the year. For a schedule of upcoming classes, visit www.nacc.edu/workforce. Click on "Workshops & Seminars".

Industry Training (Incumbent Worker Training)

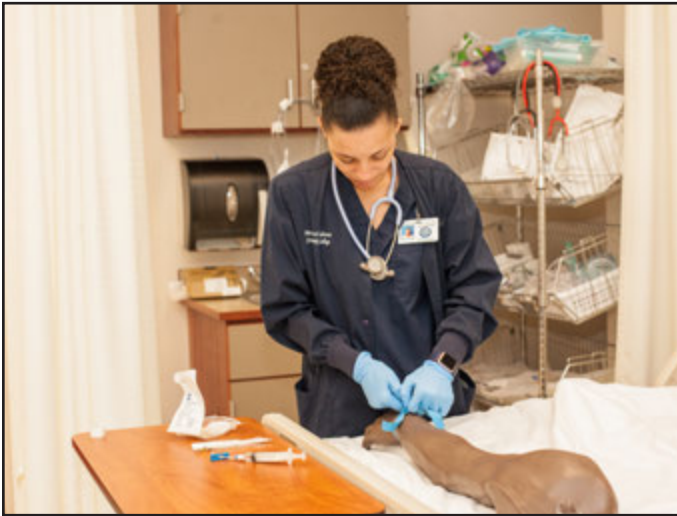
Northeast Alabama Community College offers training services to area business and industry. Training can be offered on site or on campus in a variety of areas. Additionally, an Alabama Technology Network (ATN) Center is located on campus, providing a vast array of training and consulting services to business and industry. For more information about or the Alabama Technology Network, contact Mr. Ronny Kisor, ATN Director, at 256-228-6001 or 256-638-4418, extension 2265. For more information about training for business and industry, contact Julie George at 256-638-4418, ext. 2214.

ACT WorkKeys® Assessment Career Readiness Certificate

WorkKeys® assessments give students and workers reliable, relevant information about their workplace skill levels. Combined with information about skill levels required for jobs, assessments information can help users make better career and educational decisions. For more information about the WorkKeys® Assessment and Development Center, contact Mrs. Nancy Griggs at 256-228-6001 or 256-638-4418, extension 2217.

Certification Services

Northeast Alabama Community College offers a certification center where interested persons may take certification examinations for a variety of areas, including Microsoft Office Specialist, Internet and Computing Core Certification (IC3), and Electronics Technicians Association, International (ETA-I). For more information or to schedule an exam, contact Ms. Julie George at 256-228-6001 or 638-4418, extension 2214 or visit www.nacc.edu.



ALABAMA TECHNOLOGY NETWORK CENTER

The Alabama Technology Network (ATN) of the Alabama Community College System links two-year colleges, the University of Alabama System, Auburn University and the Economic Development Partnership of Alabama to solve the needs of manufacturing and service industries. The ATN center at NACC develops services to meet local and state needs, providing innovative and cost-effective solutions to enable Alabama's existing industry to be globally competitive. The network is Alabama's affiliate of the National Institute of Standards and Technology's Manufacturing Extension Partnership, which provides hands-on assistance and training to small to mid-size manufacturers.

Since 1996, the Alabama Technology Network has been providing hands-on assistance and training to help address challenges and improve profitability of organizations in Alabama. Our experienced staff members provide insight, expertise, and holistic solutions that will improve business today and for the future. ATN helps organizations streamline operations, improve team performance, implement quality systems based on the voice of customers, plan strategies for future growth, and implement the latest in environmental and information technology.

The ATN center at NACC was established in October, 2005. For more information on the Alabama Technology Network at NACC visit the ATN website at <http://www.atn.org> or call the ATN office at 256-638-8968.