July 2014

Florida Department of Education
Curriculum Framework

Program Title: Applied Academics for Adult Education
Program Type: Adult Education

ADULT GENERAL EDUCATION	
Program Number	S990001
Course Numbers	S990011-Math S990021-Language Arts S990031-Reading S990041-Comprehensive (includes instruction in all 3 courses)
CIP Number	1199.0002SN 1532.010503
Grade Level	30, 31
Standard Length	Variable
Teacher Certification	Bachelor's degree or higher

Purpose
The purpose of this program is to prepare students for academic, technical and personal success. The Applied Academics for Adult Education (AAAE) program is based upon the assessed needs of the individual and the academic and employability requirements related to Florida's Career and Adult Education programs. There have been changes to requirements concerning basic skills remediation for students in career and technical programs.   It provides:

1)   Career assessment designed to assist persons in identifying work interests, temperament, aptitudes and learning styles.
2)   Individualized basic skills related instruction to educationally disadvantaged students (including Limited English Proficient individuals) whose basic skills deficiencies may prevent success in a CTE program or prevent completion of licensure for the CTE program of their choice.
3)   Employability behavior instruction for job acquisition and job retention.

The AAAE program is a non-graded system. This program is designed for students who have tested at the equivalent of 9th grade and above but need to improve their basic skills to meet the requirements of a CTE program in which they are enrolled. If the student is currently enrolled in a CTE program and meets one of the exemptions in Rule 6A-10.0315, FAC, he/she would be able to opt out of AAAE. It is the teacher's responsibility to decide and inform the student of the criteria for demonstrating proficiency in a standard and benchmark. It is not necessary for a student to master 100% of the standards to demonstrate proficiency for the course.

No federal funds may be used to support this course, and data collected from this course (enrollment, learning gains, and the number of students making at least one educational gain) are not reported to the NRS but are reported to the state.

Program Structure

Course Number	Course Title	Length	LCP Level
S990011	Math	Varies	A
S990021	Reading	Varies	B
S990031	Language	Varies	C
S990041	Comprehensive AAAE	Varies	A-C

The LCP is earned when the student tests at the basic skills level required for the CTE program in which he/she is enrolled.

The program encompasses a combination of the following instructional components:

- A. Basic Skills Instruction
    1) Mathematics
    2) Reading
    3) Language

- B. Other Instruction (as needed)
    1) Career and Educational Planning
    2) Science
    2) Social Studies
    4) Advanced Mathematics
    5) Life and Personal Skills
    6) Basic Computer Literacy

Program procedures encompass the following:

1. Interviewing and goal setting.

2. Diagnosis of learning difficulties: basic skills assessment is performed for each student by personnel trained in AAAE concepts and program procedures to identify needs in each of the instructional components. The basic skills assessment instruments are listed in Rule 6A-10.040, FAC.

3. Prescribing individualized instruction to meet the needs of the student for the career and technical program

4. Managing learning activities.

5. Evaluating student progress.

Special Notes:

Laboratory Activities
The program is characterized by open entry/open exit, self-paced instructional modules, flexible schedules, and performance-based evaluation. As a result, a variety of multimedia resources are used in the AAAE laboratory setting. Equipment used may include computers, tape recorders, cassette players, language masters, videos, CD-ROMs, interactive videos, voice synthesizers, integrated work stations, screen magnifiers, talking books, etc.

<u>Accommodations</u>
Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's IEP or 504 plan or postsecondary student's accommodations plan to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their postsecondary service provider. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities will need modifications to meet their special needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum cannot be modified.

Standards

After successfully completing this program, the student will be able to perform the following:

01.0   Demonstrate basic mathematics skills.
02.0   Demonstrate basic reading skills.
03.0   Demonstrate basic language skills.

As needed to meet requirements for career and technical programs:

04.0   Demonstrate career and exploration skills
05.0   Demonstrate study and reference skills.
06.0   Demonstrate awareness of life and personal skills.
07.0   Demonstrate basic computer literacy.
08.0   Demonstrate basic science skills.
09.0   Demonstrate advanced mathematics skills

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**Florida Department of Education
Student Performance Standards**

Program Title: **Applied Academics for Adult Education**
Program Number: **S990001**
Course Title: **Applied Academics for Adult Education (AAAE)-Mathematics**
Course Number: **S990011**
Literacy Completion Point A

Basic Skills Mathematics –

These standards can be taught to students that are assessed at the level of 9th grade or above with the focus on the math competencies needed for the career and technical program in which they are enrolled.

01.0 Demonstrate Basic Mathematics Skills Appropriate to the Career and Technical Program:

    01.01   Identify place value.
    01.02   Demonstrate the ability to round numbers.
    01.03   Perform basic operations with whole numbers.
    01.04   Perform basic operations with common fractions.
    01.05   Perform basic operations with decimals.
    01.06   Identify mathematics symbols and geometric forms.
    01.07   Perform basic operations with percentages.
    01.08   Interpret basic charts, graphs and tables.
    01.09   Perform basic map reading techniques.
    01.10   Use conversion procedures in both standard and metric systems.
    01.11   Apply concepts of measurements.
    01.12   Perform basic operations with signed numbers.
    01.13   Demonstrate the ability to solve algebraic equations.
    01.14   Apply basic geometric concepts.
    01.15   Use math to solve problems..

**Florida Department of Education
Student Performance Standards**

Program Title: **Applied Academics for Adult Education**
Program Number: **S990001**
Course Title: **Applied Academics for Adult Education (AAAE)-Reading**
Course Number: **S990031**
Literacy Completion Point B

Basic Skills Reading

02.0   <u>Demonstrate Basic Reading Category Skills Appropriate to the Career and Technical
Job Preparatory Program:</u>

    02.01   Identify synonyms.
    02.02   Identify antonyms.
    02.03   Identify homonyms.
    02.04   Identify affixes.
    02.05   Interpret the meaning of words in context.
    02.06   Analyze passage details.
    02.07   Interpret the feelings, motives, or traits of characters in a passage.
    02.08   Identify the main idea.
    02.09   Identify cause-and-effect relationships.
    02.10   Interpret structural techniques of writing.
    02.11   Differentiate between various forms of writing such as facts/opinion/fiction.

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Florida Department of Education
Student Performance Standards

Program Title: **Applied Academics for Adult Education**
Program Number: **S990001**
Course Title: **Applied Academics for Adult Education (AAAE)-Language**
Course Number: **S990021**
Literacy Completion Point C

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Basic Skills Language

03.0 <u>Demonstrate Basic Language Category Skills Appropriate to the Career and Technical Preparatory Program:</u>

03.01 Demonstrate proper usage of punctuation.
03.02 Identify the correct use of capital letters.
03.03 Demonstrate proper usage of troublesome words.
03.04 Demonstrate proper usage of common and proper nouns, pronouns, singular and plural forms.
03.05 Distinguish a complete sentence from sentence fragments and run-on sentences.
03.06 Demonstrate the correct use of various sentence types.
03.07 Demonstrate the proper usage of adjectives and adverbs.
03.08 Demonstrate the proper usage of regular and irregular verbs.
03.09 Demonstrate the ability to spell words correctly
03.10 Demonstrate the proper use of other parts of speech.
03.11 Demonstrate appropriate word and syllable stress and intonation.
03.12 Demonstrate the use of multi-media communication tools.
03.13 Develop the ability to ask and respond to questions appropriately.
03.14 Distinguish between personal and professional language.
03.15 Demonstrate proper paragraph formation.

Florida Department of Education
Student Performance Standards

Program Title: **Applied Academics for Adult Education**
Program Number: **S990001**
Course Title: **N/A (Other Related Instruction)**
Course Number: **N/A**

Career and Exploration Planning Skills
04.01   Develop skills to locate, evaluate, and interpret career information
04.02   Identify interests, skills, and personal preferences that influence career and education choices
04.03   Identify career cluster and related pathways that match career and education goals
04.04   Develop and manage a career and education plan

Study and Reference Skills

05.0   Demonstrate Basic Study and Reference Skills Appropriate to the Career and Technical Preparatory Program:

05.01   Request oral and written directions.
05.02   Follow oral and written directions.
05.03   Identify and use a variety of resources and reference materials.
05.04   Interpret graphs, charts, diagrams, maps and tables.
05.05   Develop note-taking skills.
05.06   Develop test-taking skills.
05.07   Develop study skills.

Life and Personal Skills

06.0   Demonstrate Awareness of Life and Personal Skills (the instruction is based on individual need and may include, but is not limited to the following):

06.01   Identify sources of community services agencies.
06.02   Demonstrate consumer economic awareness (purchases of goods and services, lease and rental agreements, financial planning, banking services, credit cards, etc.)
06.03   Identify principles of business organization and management.
06.04   Practice health maintenance skills.
06.05   Demonstrate knowledge of responsible citizenship.
06.06   Demonstrate a basic understanding of the governmental structure.
06.07   Recognize fraudulent practices.
06.08   Demonstrate cultural and environmental awareness.
06.09   Know and utilize various resources to obtain employment
06.10   Interpret job-related safety standards and procedures

Basic Computer Literacy

07.0   Demonstrate Basic Computer Literacy Skills Appropriate to the Career and Technical Job Preparatory Program (the instruction in basic computer literacy is based on individual need and may include, but is not limited to the following):

07.01   Define computer terms.
07.02   List practical applications of the computer in the workplace.
07.03   Develop proficiency in keyboarding.
07.04   Demonstrate an understanding of operating systems.
07.05   Demonstrate an understanding of software applications.
07.06   Develop Internet/network literacy.
07.07   Use keyboarding skills to develop documents such as resumes, job applications, and other work related documents.

Science Skills

08.0   Demonstrate Basic Science Skills Appropriate to the Career and Technical Job Preparatory Program (the instruction in science competencies is based on individual need and may include, but is not limited to the following):

08.01   Use the scientific method to solve problems.
08.02   Relate career opportunities to the sciences.
08.03   Describe how the life sciences interact with technology and society.

08.04   Describe cell function and structure in healthy and diseased tissue.
08.05   Identify and describe the functions of major human systems.
08.06   Identify the earth's structure and describe the forces that cause change.
08.07   Differentiate between and list examples of chemical and physical change.
08.08   Identify various methods of measuring time.
08.09   Describe the interrelationships of force, work, energy and motion.
08.10   Identify the simple machine components of complex machines.
08.11   Identify the laws of motion.
08.12   Describe the basic characteristics of the three states of matter.
08.13   Demonstrate knowledge of the periodic table.
08.14   Define the properties of light and sound.
08.15   Explain the differences between weight and mass, speed and velocity, and forces and motion.
08.16   Explain conservation of mass.
08.17   Apply the mole concept.
08.18   Describe Newton's laws of motion and gravitation.
08.19   Apply the First and Second Laws of Thermodynamics.
08.20   Apply Joule's Law and Ohm's Law in problem solving.

Advanced Math

9.0   Demonstrate Advanced Math Skills Appropriate to the Career and Technical Job Preparatory Program—(the instruction in advanced math competencies is based on individual need and may include, but is not limited to the following):

09.01   Apply principles of algebra to technically related problems.
09.02   Apply principles of geometry/analytic geometry to technically related problems.
09.03   Apply principles of trigonometry to technically related problems.
09.04   Apply principles of calculus to technic ally related problems.
09.05   Demonstrate ability to operate a scientific calculator.