

Statewide Manufacturing Curriculum – Instructions for Use

The focus of the Statewide Manufacturing Curriculum is to educate and train workers for sustainable employment or post-secondary training in the healthcare field. The goal is to combine adult education academics with the skills needed in the workplace through contextualized instruction. The instruction includes a combination of identified workplace competencies, career exploration, and basic skills presented in an occupational context.

The following ten modules are included in this curriculum:

- Career Awareness
- Technology Awareness and Skills
- Academic Success
- Contextualized Reading
- Contextualized Writing
- Contextualized Math
- Contextualized Science
- Contextualized Social Studies
- Introduction to Postsecondary
- Career Development

Each of the ten modules is organized in a similar fashion to streamline usage.

- A. Introduction to Module
- B. Module
- C. Activities/Resources for Module Outcomes
- D. References
- E. Standards for Outcomes
- F. Resource File*

*Some of the modules contain this extra “Resource” file with supplemental information. Other modules have all of the resources contained within “Activities/Resources” file. Modules with numerous “Activities/Resources” files will be further delineated as: C1, C2, C3, C4, etc.

The Module file contains the curriculum framework which is organized in four columns:

- Outcomes
- Content
- Activities/Resources
- Assessment

The outcomes have been correlated with the Common Core Standards. Some module outcomes have additionally been correlated with SCANS competencies and

CASAS Competencies. Each module has a folder containing the Standards for Outcomes. The curriculum is for levels 9.0-12.0 intended for ASE level students but also include many activities designed for ABE level students of 6.0-8.9 especially in the units appropriate for all (see paragraph below). There are overarching considerations for Evidence-Based Reading Instruction and Special Learning Needs and include applicable references to Occupational Health and Safety Administration (OSHA) regulations. Connections with i-Pathways (online learning curriculum) and CARS (Career and Academic Readiness System) further enhance the scope of instructional activities. The Activities/Resource column of each module lists these correlations.

These modules are designed to stand alone or to be used in an integrated fashion. The Career Awareness and Academic Success modules are appropriate for all as every student can benefit from these areas of study. The module on Technology Awareness is important for all students in our technologically integrated world. Many students will be ready for the modules on Career Development and the Introduction to Post-Secondary Education. Each of the additional contextualized content modules can provide expanded opportunities for our students to learn and grow.

Teachers should feel empowered to begin with this rich curriculum and add their own knowledge, experiences, and engaging opportunities for learning.