

Alabama College System Career/Technical Education Program ACT Work Keys Target Levels

Recommended Use of Work Keys Assessments in Career/Technical Education

ACT Work Keys assessment targets indicate the levels of applied academic and technological skills expected of full completers of certificate, diploma, or associate degree career/technical education programs. It is recommended that students entering these programs take the identified Work Keys assessments, their scores be compared to the target levels, and individualized targeted instruction be provided based on the difference between scores and target levels. Students should be assessed again at program completion, and those scores recorded in their Alabama College System Credentials Document that is received upon graduation.

Work Keys scores can be used to better match individuals to jobs and to identify areas where further education and training are needed. Colleges can use scores and target levels as bases for curricula modification and individualized instruction. The Department of Postsecondary Education can use aggregate Work Keys scores as indicators of the degree to which *Workforce 21* imperatives are being achieved, to address accountability requirements in federal legislation, and to identify professional development needs. Work Keys results provide information that is important in performance-based decision making.

Target Levels

Following are Work Keys target levels for career/technical education programs in The Alabama College System. Target levels were identified through a modified Delphi procedure. The Delphi panels were comprised of industry representatives serving on career/technical education program advisory committees throughout The Alabama College System. Target levels were reviewed and approved by the Work Keys Policies and Procedures Subcommittee, the Student Competency Assessment and Documentation Committee, and the Chancellor of The Alabama College System.

Although Work Keys job profiles, assessments, and targeted instruction are used in customized services for industry, the target levels in this document should not be interpreted as substitutes for job profiles.

Program/CIP Code	Assessment	Target Level
AC/Refrigeration Technician 15.0501	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Accounting Technology 52.0302	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Agriculture 01.0101	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Agricultural Production 01.0301	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	4

Automated Manufacturing 15.0405	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Automotive Body Repair 47.0603	Applied Mathematics	4
	Applied Technology	4
	Locating Information	5
	Reading for Information	4
Automotive Mechanics 47.0604	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Automotive Technology 15.0803	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Aviation Maintenance - Powerplant 47.0608	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	6
Aviation Maintenance - Airframe 47.0607	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	6
Aviation Systems/Avionics Technology 47.0609	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Barbering 12.0402	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4

Biomedical Equipment Technology 15.0401	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	5
Building Maintenance 46.0401	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	4
Building Construction 46.0499	Applied Mathematics	4
	Applied Technology	3
	Locating Information	4
	Reading for Information	4
Business 52.0201	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Cabinetmaking 48.0703	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Carpentry 46.0201	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Chemical Technology 41.0301	Applied Mathematics	5
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Child Development 20.0201	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	3
	Reading for Information	5

Civil Engineering Technology 15.0201	Applied Mathematics	6
	Applied Technology	4
	Locating Information	4
	Reading for Information	5
Clinical Laboratory Technology 51.1004	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Clerical Technology 52.0408	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Commercial Art 50.0402	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Commercial Food Service 20.0409	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	4
Commercial Sewing 20.0303	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Computer Numerical Control 48.0599	Applied Mathematics	6
	Applied Technology	4
	Locating Information	5
	Reading for Information	5
Computer Science 11.0101	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5

Construction Management Technology 15.1001	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	5
Cosmetology 12.0403	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Cosmetology Instructor Training 12.0499	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Court Reporting 52.0405	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Criminal Justice 43.0107	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Culinary Arts 12.0503	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Dental Assisting 51.0601	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	3
	Reading for Information	5
Dental Hygienist 51.0602	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5

Diagnostic Medical Sonography 51.0910	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Diesel Mechanics 47.0605	Applied Mathematics	5
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Drafting and Design Technology 48.0101	Applied Mathematics	5
	Applied Technology	4
	Locating Information	5
	Reading for Information	5
Electrical Technology 46.0302	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	5
Electro Optics 15.0304	Applied Mathematics	6
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Electromechanical Technology 15.0403	Applied Mathematics	5
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Electronic Engineering Technology 15.0303	Applied Mathematics	6
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Electronics Technology (Communications) 47.0103	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	4

Electronics Technology (Consumer) 47.0101	Applied Mathematics	6
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Electronics Technology (Industrial) 47.0105	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	5
Emergency Medical Services (Basic & Intermediate) 51.0904	Applied Mathematics	4
	Applied Technology	3
	Locating Information	4
	Reading for Information	5
Emergency Medical Services (Paramedic) 51.0904	Applied Mathematics	4
	Applied Technology	3
	Locating Information	4
	Reading for Information	5
Energy Conservation 15.0503	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Engineering Technology 15.1101	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Environmental Technology 15.0507	Applied Mathematics	6
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Fashion Merchandising 08.0102	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5

Finance Administration 52.0803	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Fire Science 43.0202	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Fishery Science 01.0303	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	5
Flight Technology (Commercial) 49.0102	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Food Service Management 20.0401	Applied Mathematics	3
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Forest Products Technology 03.0404	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Forestry 03.0401	Applied Mathematics	6
	Applied Technology	4
	Locating Information	6
	Reading for Information	5
Funeral Services 12.0301	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5

Furniture Refinishing 48.0702	Applied Mathematics	3
	Applied Technology	NA
	Locating Information	3
	Reading for Information	4
Gerontological Services 19.0705	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Graphics and Printing 48.0201/48.0299	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	5
Hazardous Materials Technology 15.0599	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Health Information Technology 51.0707	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Heating and Air Conditioning 47.0201	Applied Mathematics	4
	Applied Technology	4
	Locating Information	5
	Reading for Information	5
Heavy Equipment Operator 49.0202	Applied Mathematics	4
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Highway Construction Technology 46.0403	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	4

Horticulture 01.0603	Applied Mathematics	5
	Applied Technology	3
	Locating Information	4
	Reading for Information	4
Hospitality Services Management 52.0901	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Human Resources Management 52.0101	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Industrial Engineering Technology 15.0603	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Industrial Maintenance Technology 47.0303	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Industrial Production (Paper & Chemical Technology) 15.0699	Applied Mathematics	6
	Applied Technology	6
	Locating Information	5
	Reading for Information	5
Instrumentation Technology 15.0404	Applied Mathematics	6
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Interior Design 20.0501	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4

Landscape Operations Management 01.0605	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	5
Leisure Facilities Management 31.0301	Applied Mathematics	4
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Library Assistant 25.0301	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Locksmith 47.0403	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Machine Shop Technology 48.0503	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Machine Tool Technology 48.0507	Applied Mathematics	6
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Management & Supervision 52.0101	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Marine Maintenance/Repairer 49.0306	Applied Mathematics	5
	Applied Technology	5
	Locating Information	5
	Reading for Information	5

Marketing 08.0708	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Masonry 46.0101	Applied Mathematics	4
	Applied Technology	3
	Locating Information	4
	Reading for Information	4
Mechanical Design Technology 15.0805	Applied Mathematics	6
	Applied Technology	5
	Locating Information	5
	Reading for Information	4
Medical Assisting 51.0801	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Mining Technology 15.0901	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Nursing (LPN) 51.1613	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Nursing (RN) 51.1601	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	6
Nursing Assistant 51.1614	Applied Mathematics	3
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4

Occupational Health Safety 15.0701	Applied Mathematics	6
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Occupational Therapy Assistant 51.0803	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Office Administration 52.0401	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Paralegal 22.0103	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Parks, Recreation, and Leisure 31.0101	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Patternmaking Technology 48.0501	Applied Mathematics	6
	Applied Technology	5
	Locating Information	5
	Reading for Information	5
Pharmacy Technician 51.0805	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Physical Therapy Assistant 51.0806	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5

Plastics Technician 15.0607	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Plumbing 46.0501	Applied Mathematics	5
	Applied Technology	4
	Locating Information	5
	Reading for Information	4
Quality Control Technology 15.0702	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Radio & TV Broadcasting 10.0104	Applied Mathematics	6
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Radiologic Technology 51.0907	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Respiratory Therapy 51.0908	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Retail Merchandising 08.0705	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Shoe & Boot Repair 48.0304	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4

Sign Language Interpreting 51.0205	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	5
Small Engine Repair 47.0606	Applied Mathematics	4
	Applied Technology	5
	Locating Information	4
	Reading for Information	4
Surgical/Operating Room Technology 51.0909	Applied Mathematics	4
	Applied Technology	NA
	Locating Information	4
	Reading for Information	4
Telecommunications 09.9999	Applied Mathematics	6
	Applied Technology	4
	Locating Information	5
	Reading for Information	5
Textile Technology 20.0301	Applied Mathematics	5
	Applied Technology	4
	Locating Information	5
	Reading for Information	5
Textile Science 19.0901	Applied Mathematics	4
	Applied Technology	4
	Locating Information	4
	Reading for Information	5
Travel & Tourism Management 52.0903	Applied Mathematics	5
	Applied Technology	NA
	Locating Information	5
	Reading for Information	5
Truck Driving 49.0205	Applied Mathematics	3
	Applied Technology	4
	Locating Information	4
	Reading for Information	4

Turf Management 01.0607	Applied Mathematics	5
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Upholstery 48.0303	Applied Mathematics	4
	Applied Technology	3
	Locating Information	4
	Reading for Information	4
Veterinary Technology 51.0808	Applied Mathematics	5
	Applied Technology	3
	Locating Information	4
	Reading for Information	5
Watch and Jewelry Repair 47.0408	Applied Mathematics	4
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Water & Wastewater Linkage 15.0506	Applied Mathematics	6
	Applied Technology	4
	Locating Information	4
	Reading for Information	4
Welding 48.0508	Applied Mathematics	4
	Applied Technology	4
	Locating Information	4
	Reading for Information	4