Alabama CTE

Diagnostic Services: High School

Foundational Standards	1	**Incorporate safety procedures in handling, operating, and maintaining tools and machinery; handling materials; utilizing personal protective equipment; maintaining a safe work area; and handling hazardous materials and forces.** F.1
	2	**Demonstrate effective workplace and employability skills, including communication, awareness of diversity, positive work ethic, problem-solving, time management, and teamwork.** F.2
	3	**Explore the range of careers available in the field and investigate their educational requirements and demonstrate job-seeking skills including resume-writing and interviewing.** F.3
	4	**Advocate and practice safe, legal, responsible, and ethical use of information and technology tools specific to the industry pathway.** F.4
	5	**Participate in a Career and Technical Student Organization (CTSO) to increase knowledge and skills and to enhance leadership and teamwork.** F.5
	6	**Demonstrate effective infection control techniques as defined by the Centers for Disease Control and Prevention (CDC) and The Joint Commission guidelines.** F.6
Diagnostic Careers	1	**Compare roles and responsibilities of professionals in various diagnostic service careers.** 1
Legal and Ethical Issues	2	**Analyze responsibilities and limitations set forth in criminal and civil healthcare laws and explain their implications for workers in diagnostic services careers.** 2 a Review and report on federal legislation regarding healthcare practices and their effects on patient care procedures in diagnostic services. 2.A
	3	**Analyze healthcare-related ethical issues and their implications for respecting patients' cultural, social, and ethnic differences in delivering diagnostic services.** 3 a Demonstrate respectful and empathetic treatment of all patients, clients, and families encountered in diagnostic service settings. 3.A

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Medical Mathematics	4	**Demonstrate proficiency in making and recording calculations commonly used in healthcare settings.** 4
	5	**Interpret charts, graphs, tables, and diagrams used in diagnostic careers, including vital signs graphic sheet, body mass index (BMI) graph, and lab result analysis sheet.** 5
Anatomy	6	**Relate specific body systems, including gross organ structures and general functions, to diagnostic healthcare skills.** 6
Diseases and Disorders	7	**Describe the etiology, pathology, and diagnosis of diseases and disorders that are commonly encountered by diagnostic service professionals.** 7
Communication	8	**Utilize effective therapeutic communication with patients and families in diagnostic service settings.** 8
	9	**Create documentation according to facility policy and industry standards, including records of the administration and results of diagnostic tests.** 9
Diagnostic Skills	10	**Explain procedures utilized in diagnostic services and describe the equipment and supplies needed for each one.** 10
	11	**Demonstrate skills necessary for specified diagnostic careers.** 11
Health Technology	12	**Demonstrate safe use of health technology in specified diagnostic service settings.** 12
	13	**Research and utilize billing codes to document diagnostic procedures.** 13