2026 – 2027

PROGRAM GUIDE

HEALTHCARE AND HUMAN SERVICES CLUSTER

HEALTHCARE AND HUMAN SERVICES MIDDLE SCHOOL

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CAREER AND TECHNICAL EDUCATION
LISA BRUCE, EDUCATION ADMINSTRATOR
ANTHONY CALDWELL, EDUCATION ADMINISTRATOR
BECKY CORNELIUS, EDUCATION SPECIALIST, HEALTHCARE
LISA MCGRADY, EDUCATION SPECIALIST, HEALTHCARE
THERESA LONG, EDUCATION SPECIALIST, HUMAN SERVICES
CARLA PLYLER, EDUCATION SPECIALIST, COSMETOLOGY
ASHLEY CRUM, ADMINISTRATIVE ASSISTANT
(334) 694-4746

Healthcare and Human Services Cluster Program Guide

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The Health Science cluster provides students with essential knowledge and skills for pursuing careers in the following five pathways: Therapeutic Services, Diagnostic Services, Health Informatics, Support Services, and Biotechnology Research and Development. Rigorous and challenging content may include a variety of instructional strategies, work-based learning experiences, and simulation.

**Courses highlighted in yellow are shared with other clusters. See "Shared Courses" table on page 3 for additional details.

Career Pathway Program	Health Science Program **(Must teach three courses from this program list within two years)** The Health Science Program prepares students for employment in careers that involve planning, managing, and providing healthcare services through professions in the following categories: therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
14002G1001	**Foundations of Health Science – Required Foundation Course/Health Education Substitute**	• Alabama Certified Employee (ACE) • Alabama Fire College Public Safety Telecommunicator • BACE – Biotechnology Aptitude and Competency Exam • BLS Instructor • Certified Billing and Coding Specialist (CBCS) • Certified Clinical Medical Assistant (CCMA) • Certified EKG Technician (CET) • Certified Electronic Health Records Specialist (CEHRS) • Certified Medical Administrative Assistant (CMAA) • Certified Nursing Assistant (CNA) • Certified Patient Care Technician/Assistant (CPCTA) • Certified Pharmacy Technician (CPhT) • Elanco Veterinary Medical Applications Certification • Emergency Medical Dispatcher (EMD) • Lifeguard Certification (American Lifeguard Association or American Red Cross) • National Academy of Sports Medicine Certified Personal Trainer (NASM-CPT) • National Emergency Medical Responder (EMR) • National Emergency Medical Technician (EMT) • Nursing Support Technician – Certified • Skills for Success – Community Health Worker • Skills for Success – Mental Health Worker • Skills for Success – Veterinary Assistant	• Cardiovascular Technologists & Technicians • Clinical Laboratory Technologists & Technicians • Dental Assistants • Dental Hygienists • Diagnostic Medical Sonographers • Emergency Medical Technicians & Paramedics • Licensed Practical Nurses • Medical Assistants • Medical Equipment Preparers • Medical & Health Services Manager • Medical Record Specialists • Medical Secretaries & Administrative Assistants • Nurse Practitioners • Nursing Assistant • Occupational Therapy Assistants • Ophthalmic Medical Technician • Opticians, Dispensing • Paramedics • Pharmacists • Pharmacy Technicians • Phlebotomists • Physical Therapists • Physical Therapy Assistants • Psychiatric Aides • Psychiatric Technicians • Radiologic Technologists • Registered Nurses • Respiratory Therapists • Speech-Language Pathologists • Surgical Technologists • Veterinarians • Veterinary Assistants & Laboratory Animal Caretakers • Veterinary Technologists & Technicians
14255G1000	Biomedical Innovation (PLTW)		
14252G1010	Biotechnology I – Science credit eligible		
14252G1011	Biotechnology II – Science credit eligible		
14997G1010	Career Pathway Project in Health Science		
14999G1000	CTE Lab in Health Science		
14149G1000	Diagnostic Services		
14055G1010	Emergency Medical Services		
14055G1000	Emergency Services and Management		
15055G1000	Forensic Science and Crime Scene Investigation – Science credit eligible		
14298G1000	Health Science Internship – 1 credit option		
14298G2000	Health Science Internship – 2 credit option		
14299G1001	Human Body Structures and Functions – Science credit eligible		
14299G1002	Human Body Systems–Science credit eligible (PLTW)		
18105G1012	Introduction to Veterinary Science		
14299G1003	Medical Interventions (PLTW)		
14254G1010	Medical Mathematics – Math credit eligible		
14154G1000	Medical Terminology		
14051G2000	Nurse Aide Training		
14254G1015	Operating Room Essentials		
14051G1000	Patient Care Technician		
14152G1001	Pharmacy Technician		
14251G1001	PLTW Capstone–Biomedical Science		
14252G1002	Principles of Biomedical Sciences (PLTW)		
17049G1000	Safety and Health Regulations		
14062G1010	Sports Medicine I		
14062G1011	Sports Medicine II		
14099G1000	Therapeutic Services		
18105G1022	Veterinary Science		
14298G1001	WBL Internship in Health Science		

Career Pathway Program	PLTW Biomedical Science Program The Health Science Program prepares students for employment in careers that involve planning, managing, and providing healthcare services through professions in the following categories: therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
14255G1000	Biomedical Innovation	• Alabama Certified Employee (ACE) • Alabama Fire College Public Safety Telecommunicator • BACE – Biotechnology Aptitude and Competency Exam • BLS Instructor • Certified Billing and Coding Specialist (CBCS) • Certified Clinical Medical Assistant (CCMA) • Certified EKG Technician (CET) • Certified Electronic Health Records Specialist (CEHRS) • Certified Medical Administrative Assistant (CMAA) • Certified Nursing Assistant (CNA) • Certified Patient Care Technician/Assistant (CPCTA) • Certified Pharmacy Technician (CPhT) • Elanco Veterinary Medical Applications Certification • Emergency Medical Dispatcher (EMD) • Lifeguard Certification (American Lifeguard Association or American Red Cross) • National Academy of Sports Medicine Certified Personal Trainer (NASM-CPT) • National Emergency Medical Responder (EMR) • National Emergency Medical Technician (EMT) • Nursing Support Technician – Certified • Skills for Success – Community Health Worker • Skills for Success – Mental Health Worker • Skills for Success – Veterinary Assistant	• Cardiovascular Technologists & Technicians • Clinical Laboratory Technologists & Technicians • Dental Assistants • Dental Hygienists • Diagnostic Medical Sonographers • Emergency Medical Technicians & Paramedics • Licensed Practical Nurses • Medical Assistants • Medical Equipment Preparers • Medical & Health Services Manager • Medical Record Specialists • Medical Secretaries & Administrative Assistants • Nurse Practitioners • Nursing Assistant • Occupational Therapy Assistants • Ophthalmic Medical Technician • Opticians, Dispensing • Paramedics • Pharmacists • Pharmacy Technicians • Phlebotomists • Physical Therapists • Physical Therapy Assistants • Psychiatric Aides • Psychiatric Technicians • Radiologic Technologists • Registered Nurses • Respiratory Therapists • Speech-Language Pathologists • Surgical Technologists • Veterinarians • Veterinary Assistants & Laboratory Animal Caretakers • Veterinary Technologists & Technicians
14299G1002	Human Body Systems – Science credit eligible		
14299G1003	Medical Interventions		
14251G1001	PLTW Capstone – Biomedical Science		
14252G1002	Principles of Biomedical Sciences		
***NOTE:** This is a purchased curriculum. LEAs must contact PLTW for additional information prior to utilizing the course codes listed above with a PLTW suffix, as it does require submission of a signed copy of the Terms and Conditions, participation in mandatory training and payment of a participation fee to the provider.			

Career Pathway Program	Health Science Middle School Program Middle grades course content includes practices that promote health and wellness, disease prevention, legal and medical ethics, communication, medical math, medical terminology, and technical skills related to healthcare. These courses are designed to give students a variety of opportunities to apply their learning and demonstrate relevant interpersonal and workforce skills.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
22151G0608	Career Explorations	N/A	*See List Above
14001G0638	Health Science Discovery		
14001G0618	Healthcare Career Exploration		
14001G0728	Medical Laboratory Science		

Career Pathway Program	Project Lead the Way Middle School Program Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, and investigate disease outbreaks.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
14001G0608	Medical Detectives	N/A	*See List Above
***NOTE:** This is a purchased curriculum. LEAs must contact PLTW for additional information prior to utilizing the course codes listed above with a PLTW suffix, as it does require submission of a signed copy of the Terms and Conditions, participation in mandatory training and payment of a participation fee to the provider.			

2026-2027 Subject and Personnel Codes

Health Science Cluster Courses			
Course Number	**Course Name**	**Course Number**	**Course Name**
14255G1000	Biomedical Innovation (PLTW)	14254G1010	Medical Mathematics – Math credit eligible
14252G1010	Biotechnology I – Science credit eligible	14299G1003	Medical Interventions (PLTW)
14252G1011	Biotechnology II – Science credit eligible	14154G1000	Medical Terminology
14997G1010	Career Pathway Project in Health Science	14051G2000	Nurse Aide Training
14999G1000	CTE Lab in Health Science	14254G1015	Operating Room Essentials
14149G1000	Diagnostic Services	14051G1000	Patient Care Technician
14055G1010	Emergency Medical Services	14150012G1	Pharmacy Technician
14055G1000	Emergency Services and Management	14251G1001	PLTW Capstone– Biomedical Science
15055G1000	Forensic Science and Crime Scene Investigation – Science credit eligible	14252G1002	Principles of Biomedical Sciences (PLTW)
14002G1001	**Foundations of Health Science – Required Foundation Course/Health Education Substitute**	14062G1010	Sports Medicine I
14298G1000	Health Science Internship – 1 credit option	14062G1011	Sports Medicine II
14298G2000	Health Science Internship – 2 credit option	14099G1000	Therapeutic Services
18105G1012	Introduction to Veterinary Science	18105G1022	Veterinary Science
14299G1001	Human Body Structures and Functions – Science credit eligible	14298G1001	WBL Internship in Health Science
14299G1002	Human Body Systems (PLTW) – Science credit eligible		

Health Science Middle School Program Courses	
Course Number	**Course Name**
22151G0608	Career Explorations
14001G0638	Health Science Discovery
14001G0618	Healthcare Career Exploration
14001G0608	Medical Detectives (PLTW)
14001G0728	Medical Laboratory Science

Shared Courses			
Course Number	**Course Name**	**Cluster(s)**	**Required Year to Implement COS**
22151G0608	Career Explorations	Agriculture, Food and Natural Resources **Business, Management, and Administration** Law, Public Safety, Corrections and Security	2021-2022
14055G1000	Emergency Services and Management	Law, Public Safety, Corrections and Security	2021-2022
15055G1000	Forensic Science and Crime Scene Investigation	Law, Public Safety, Corrections and Security	2021-2022
18105G1012	Introduction to Veterinary Science	Agriculture, Food and Natural Resources	2021-2022
17049G1000	Safety and Health Regulations	Architecture and Construction **Manufacturing** Transportation, Distribution and Logistics	2022-2023
18105G1022	Veterinary Science	Agriculture, Food and Natural Resources	2021-2022

General Note: Course descriptions and content standards for most courses are located on the Alabama Department of Education website at: Alabama CTE - CTE Course of Study - Alabama State Department of Education.

College and Career Readiness Indicator Course Matrix

Program Name	Health Science	PLTW Biomedical Science
Foundation Course(s)	**Foundations of Health Science – Required Foundation Course**	Foundations of Health Science (not required for the PLTW Biomed program)
Concentrator Course(s)	Biomedical Innovation (PLTW) Biotechnology I Biotechnology II Diagnostic Services Emergency Medical Services Emergency Services and Management Forensic Science and Crime Scene Investigation Human Body Structures and Functions Human Body Systems (PLTW) Introduction to Veterinary Science Medical Interventions (PLTW) Medical Mathematics Medical Terminology Nurse Aide Training Operating Room Essentials Patient Care Technician Pharmacy Technician Principles of Biomedical Sciences (PLTW) Safety and Health Regulations Sports Medicine I Sports Medicine II Therapeutic Services Veterinary Science	Biomedical Innovation (PLTW) Human Body Systems (PLTW) Medical Interventions (PLTW) Principles of Biomedical Sciences (PLTW)
Capstone Course(s)	Career Pathway Project in Health Science CTE Lab in Health Science Health Science Internship PLTW Capstone – Biomedical Science WBL Internship in Health Science	PLTW Capstone – Biomedical Science

To meet the CCR Indicator as a CTE completer, a student must earn three (3.0) credits with the grade of a "C" or higher in CTE courses that are part of an approved CTE program of study. Additional requirements are outlined in FY25-2048 Updates on Career and Technical Education Completer Status.

This matrix is intended for general guidance on the CCR completer status and is subject to change. For all CTE programming information, please refer to the CTE Cluster specific Program Guide. It contains a list of approved CTE programs, valid course numbers, required prerequisite courses, approved Career Readiness Indicators (CRIs) and in demand occupations.

***Courses are listed in alphabetical order, not in sequential order.**

Human Services focuses on the elements that make up the human environment and the study of human interaction, development, nutrition, and design. Students may choose to pursue studies in any one of the following programs: Clothing, Textiles, and Interior Design; Consumer Services; Family Studies and Community Services; and Nutrition and Wellness after successfully completing the required foundation course, Family and Consumer Sciences. **Courses highlighted in yellow are shared with other clusters. See "Shared Courses" table on page 6 for additional details.

Career Pathway Program	Clothing, Textiles, and Interior Design Program **(Must teach three courses from this program list within two years)** This program encompasses the roles of textiles, apparel, architecture, and merchandising in daily life. Courses in this program cover topics such as fashion design, trend analysis, textile construction, retail marketing, home and landscape design, and real estate sales. This program is designed to prepare students for a variety of careers including merchandisers, marketers, real estate agents, and home stagers.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
19251G1000	**Family and Consumer Sciences – Required Foundation Course**	• ASK Institute – Concepts of Business Management • ASK Institute – Concepts of Entrepreneurship • National Retail Federation – National Professional Certification in Customer Service and Sales • Skills for Success – Customer Service • Skills for Success– Mastering the Customer Experience	• Architects • Custom Tailor and Seamstress • Ecommerce Entrepreneurs • Fashion Designers • Fashion Editor/Fashion Bloggers • Fashion Stylist/Journalist/Photographers • Interior Designer/Stagers • Meeting, Convention, and Event Planners • Merchandise Displayer and Window Trimmers • Retail Salespersons • Supervisor, Sales, or Production Workers • Wholesale and Retail Buyers
12061E1000	AP Business with Personal Finance		
19263G1001	Architecture and Interior Design I		
19263G1002	Architecture and Interior Design II		
19997G1001	Career Pathway Project in Human Services		
19256G1020	Creative Design and Production		
19147G1002	CTE Lab in Human Services		
16202G1001	Event Planning and Management		
19256G1001	Fashion Fundamentals		
19256G1015	Fashion Merchandising		
19299G1010	Home Renovations and Sales		
19998G1050	Internship in Human Services		
19299G1015	Small Business in FCS		

Career Pathway Program	Consumer Services Program **(Must teach three courses from this program list within two years)** This program focuses on the role of economics and financial planning in all life stages. Students are introduced to fundamental financial concepts for individuals and families, including insurance, taxes, savings and retirement, and banking services. The program's goal is to prepare students to pursue higher education and certifications in fields that provide essential knowledge and services to protect the resources of families, business, and communities.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
19251G1000	**Family and Consumer Sciences – Required Foundation Course**	• ASK Institute – Concepts of Business Management • ASK Institute – Concepts of Entrepreneurship • National Retail Federation – National Professional Certification in Customer Service and Sales • Skills for Success – Customer Service • Skills for Success– Mastering the Customer Experience	• Appraisers and Assessors of Real Estate • Customer Service Representatives • Ecommerce Entrepreneurs • Family Financial Planners • Insurance Sales Agents • Property, Real Estate, and Community Association Managers • Retail Salespersons • Sales Managers
12061E1000	AP Business with Personal Finance		
19997G1001	Career Pathway Project in Human Services		
19262G1030	Consumer Affairs		
19262G1031	Consumer Economics		
19256G1020	Creative Design and Production		
19147G1002	CTE Lab in Human Services		
19262G1032	Family Financial Planning		
19299G1010	Home Renovation and Sales		
19998G1050	Internship in Human Services		
19299G1015	Small Business in FCS		

Career Pathway Program	Family Studies and Community Services Program **(Must teach three courses from this program list within two years)** This program is designed to prepare students for careers that serve the most vulnerable members of society, including children, special populations, and families in crisis. Students in this program study human growth and development, the role of caregivers in human development, and the resources available to those in need.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
19251G1000	**Family and Consumer Sciences – Required Foundation Course**	• ServSafe Food Handler • ServSafe Manager • Skills for Success – Food and Beverage • Skills for Success – Customer Service • Skills for Success– Mastering the Customer Experience	• Elder Care Services • Marriage and Family Therapists • Mental Health and Substance Abuse Social Workers • Mental Health Counselors • Occupational Therapists • Psychiatrists • Residential Advisors • Social and Community Services Managers • Social and Human Services Assistants • Substance Abuse and Behavioral Disorder Counselors
19997G1001	Career Pathway Project in Human Services		
19052G1010	Child Development		
19054G1001	Child Services		
19147G1002	CTE Lab in Human Services		
19251G1010	Family and Community Services		
19262G1032	Family Financial Planning		
19259G1010	Family Wellness		
19261G1010	Human Lifespan Development		
19998G1050	Internship in Human Services		
19253G1002	Nutrition and Food		

Career Pathway Program	Nutrition and Wellness **(Must teach three courses from this program list within two years)** This program looks closely at food as an essential part of human health and the human experience. Courses in this program explore food preparation, food product development and marketing, and the flavors and cultural significance of foods from around the globe. The goal of this program is to prepare students for post-secondary education and careers in a wide variety of fields, from food technology to dietetics.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
19251G1000	**Family and Consumer Sciences – Required Foundation Course**	• ServSafe Food Handler • ServSafe Manager • Skills for Success – Food and Beverage • Skills for Success – Customer Service • Skills for Success– Mastering the Customer Experience	• Chefs or Head Cooks • Dietitian and Nutritionists • Editor/Food Bloggers • Fitness Instructors • Food Chemists • Food Journalist/Stylist/Photographers • Food Microbiologists • Food Scientist and Technologists • Food Service Managers • Meeting, Convention, and Event Planners • Sports Nutritionists • Technical Writers
19997G1001	Career Pathway Project in Human Services		
19147G1002	CTE Lab in Human Services		
19251G1001	Cuisine and Media Production		
16056G1001	Cultural Foods		
16202G1001	Event Planning and Management		
19259G1010	Family Wellness		
19253G1010	Food and Wellness		
19254G1000	Food Safety and Microbiology – Science credit eligible		
19254G1010	Food Science – Science credit eligible		
19998G1050	Internship in Human Services		
19253G1002	Nutrition and Food		
19253G1001	Sports Nutrition		

Healthcare and Human Services Cluster Courses			
Course Number	**Course Name**	**Course Number**	**Course Name**
19263G1001	Architecture and Interior Design I	19262G1032	Family Financial Planning
19263G1002	Architecture and Interior Design II	19259G0500	Family Wellness (½ credit)
19997G1001	Career Pathway Project in Human Services	19259G1010	Family Wellness
19052G1010	Child Development	19256G0501	Fashion Fundamentals (½ credit)
19054G1001	Child Services	19256G1001	Fashion Fundamentals
19262G0501	Consumer Affairs (½ credit)	19256G1015	Fashion Merchandising
19262G1030	Consumer Affairs	19253G1010	Food and Wellness
19262G0511	Consumer Economics (½ credit)	19254G1000	Food Safety and Microbiology – Science credit eligible
19262G1031	Consumer Economics	19254G1010	Food Science – Science credit eligible
19256G1020	Creative Design and Production	19299G1010	Home Renovation and Sales
19147G1002	CTE Lab in Human Services	19261G0510	Human Lifespan Development (½ credit)
19251G1001	Cuisine and Media Production	19261G1010	Human Lifespan Development
16056G1001	Cultural Foods	19253G0502	Nutrition and Food (½ credit)
16202G1001	Event Planning and Management	19253G1002	Nutrition and Food
19251G1010	Family and Community Services	19299G1015	Small Business in FCS
19251G1000	Family and Consumer Sciences – **Required Foundation Course**	19253G1001	Sports Nutrition
19262G0521	Family Financial Planning (½ credit)	19998G1050	Internship in Human Services

Middle School Program Courses	
Course Number	**Course Name**
19001G0618	Careers in Family and Consumer Sciences
19251G0608	Exploring Family and Consumer Sciences
19251G0618	Fundamentals of Family and Consumer Sciences

Shared Courses			
Course Number	**Course Name**	**Cluster(s)**	**Required Year to Implement COS**
16056G1001	Cultural Foods	**Hospitality and Tourism**	2024-2025
16202G1001	Event Planning and Management	**Business Management and Administration** Hospitality & Tourism	2022-2023
19254G1000	Food Safety and Microbiology	**Agriculture, Food and Natural Resources** Hospitality & Tourism	2021-2022
19299G1015	Small Business in FCS	**Hospitality and Tourism**	2025-2026
12061E1000	AP Business with Personal Finance	Financial Services, Management and Entrepreneurship, Hospitality Events and Tourism, Marketing and Sales, Healthcare and Human Services	

General Note: Course descriptions and content standards for most courses are located on the Alabama Department of Education website at: Alabama CTE - CTE Course of Study - Alabama State Department of Education

College and Career Readiness Indicator Course Matrix

Program Name	Clothing, Textiles, and Interior Design	Family Studies and Community Services	Nutrition and Wellness	Consumer Services
Foundation Course(s)	**Family and Consumer Sciences – Required Foundation Course**	**Family and Consumer Sciences – Required Foundation Course**	**Family and Consumer Sciences – Required Foundation Course**	**Family and Consumer Sciences – Required Foundation Course**
Concentrator Course(s)	AP Business with Personal Finance Architecture and Interior Design I Architecture and Interior II Creative Design and Production Event Planning and Management Fashion Fundamentals Fashion Merchandising Home Renovation and Sales Small Business in FCS	Child Development Child Services Family and Community Services Family Financial Planning Family Wellness Human Lifespan Development Nutrition and Food	Cuisine and Media Production Cultural Foods Event Planning and Management Family Wellness Food and Wellness Food Safety and Microbiology Food Science Nutrition and Food Sports Nutrition	AP Business with Personal Finance Consumer Affairs Consumer Economics Creative Design and Production Family Financial Planning Home Renovation and Sales Small Business in FCS
Capstone Course(s)	Career Pathway Project in Human Services CTE Lab in Human Services Internship in Human Services	Career Pathway Project in Human Services CTE Lab in Human Services Internship in Human Services	Career Pathway Project in Human Services CTE Lab in Human Services Internship in Human Services	Career Pathway Project in Human Services CTE Lab in Human Services Internship in Human Services

To meet the CCR Indicator as a CTE completer, a student must earn three (3.0) credits with the grade of a "C" or higher in CTE courses that are part of an approved CTE program of study. Additional requirements are outlined in FY25-2048 Updates on Career and Technical Education Completer Status.

This matrix is intended for general guidance on the CCR completer status and is subject to change. For all CTE programming information, please refer to the CTE Cluster specific Program Guide. It contains a list of approved CTE programs, valid course numbers, required prerequisite courses, approved Career Readiness Indicators (CRIs) and in demand occupations.

***Courses are listed in alphabetical order, not in sequential order.**

This cluster prepares students for employment in career pathways that relate to personal care services, such as cosmetology, barbering, esthetics, nail care, and natural hairstyling. Rigorous instruction is provided to equip students with knowledge and skills needed in preparation for credentials, articulation, and/or further education.

Career Pathway Program	Cosmetology and Barbering Program **(Must teach three courses from this program list within two years)** The Cosmetology and Barbering program in the Human Services cluster focuses on preparing students for employment in careers that relate to personal grooming services, customer relations, retail sales, and salon management and ownership.		
Course Number	**Career Pathway Program Courses**	**Career Readiness Indicator (CRI)**	**In Demand Occupations**
19102G1001	**Barbering Fundamentals – Required Foundation Course for Pathway**	• Alabama Certified Employee (ACE) • Barber Licensure • Certiport – Entrepreneurship and Small Business (must hold concentrator status) • Cosmetologist Licensure • Esthetician Licensure • Lash Lift and Brow Lamination with Tint • Manicurist Licensure • National Retail Federation – National Professional Certification in Customer Service and Sales • Natural Hairstylist Licensure • Skills for Success– Mastering the Customer Experience	• Hairdressers, Hairstylists, & Cosmetologists • Manicurists and Pedicurists • Skin Care Specialists
19147G1006	Career Pathway Project in Cosmetology and Barbering		
19103G1002	Chemical Services		
19147G1005	CTE Lab in Cosmetology and Barbering		
19103G1001	Hair Coloring		
19107G1003	Salon Practices and Management		
19149G1000	State Board Practicum		
	OR		
19101G1001	**Cosmetology Fundamentals – Required Foundation Course for Pathway**		
19147G1006	Career Pathway Project in Cosmetology and Barbering		
19103G1002	Chemical Services		
19147G1005	CTE Lab in Cosmetology and Barbering		
19103G1001	Hair Coloring		
19107G1003	Salon Practices and Management		
19149G1000	State Board Practicum		
	OR		
19105G1005	**Nail Technology I– Required Foundation Course for Pathway**		
19147G1006	Career Pathway Project in Cosmetology and Barbering		
19147G1005	CTE Lab in Cosmetology and Barbering		
19105G1006	Nail Technology II		
	OR		
19101G1001	**Cosmetology Fundamentals – Required Foundation Course for Pathway**		
19147G1006	Career Pathway Project in Cosmetology and Barbering		
19147G1005	CTE Lab in Cosmetology and Barbering		
19103G1005	Natural Hairstyling		
	OR		
19106G1001	**Spa Techniques I – Required Foundation Course for Pathway**		
19147G1006	Career Pathway Project in Cosmetology and Barbering		
19147G1005	CTE Lab in Cosmetology and Barbering		
19106G1002	Spa Techniques II		

2026-2027 Subject and Personnel Codes

Cosmetology and Barbering Program Courses	
Course Number	**Course Name**
19102G1001	**Barbering Fundamentals – Required Foundation Course for Pathway**
19147G1006	Career Pathway Project in Cosmetology and Barbering
19103G1002	Chemical Services
19101G1001	**Cosmetology Fundamentals – Required Foundation Course for Pathway**
19147G1005	CTE Lab in Cosmetology and Barbering
19103G1001	Hair Coloring
19105G1005	**Nail Technology I– Required Foundation Course for Pathway**
19105G1006	Nail Technology II
19103G1005	Natural Hairstyling
19107G1003	Salon Practices and Management
19106G1001	**Spa Techniques I– Required Foundation Course for Pathway**
19106G1002	Spa Techniques II
19149G1000	State Board Practicum

General Note: Course descriptions and content standards for most courses are located on the Alabama Department of Education website at: Alabama CTE - CTE Course of Study - Alabama State Department of Education.

College and Career Readiness Indicator Course Matrix

Program Name	Cosmetology and Barbering
Foundation Course(s)	Barbering Fundamentals Cosmetology Fundamentals Nail Technology I Spa Techniques I
Concentrator Course(s)	Chemical Services Hair Coloring Nail Technology II Natural Hairstyling Salon Practices and Management Spa Techniques II
Capstone Course(s)	Career Pathway Project in Cosmetology and Barbering CTE Lab in Cosmetology and Barbering State Board Practicum

To meet the CCR Indicator as a CTE completer, a student must earn three (3.0) credits with the grade of a "C" or higher in CTE courses that are part of an approved CTE program of study. Additional requirements are outlined in FY25-2048 Updates on Career and Technical Education Completer Status.

This matrix is intended for general guidance on the CCR completer status and is subject to change. For all CTE programming information, please refer to the CTE Cluster specific Program Guide. It contains a list of approved CTE programs, valid course numbers, required prerequisite courses, approved Career Readiness Indicators (CRIs) and in demand occupations.

***Courses are listed in alphabetical order, not in sequential order.**