

| CLUSTER: HEALTH SCIENCE | | | | | | | | | | | | | Required Equipment List | X | | |
|--|------------------------|-----------------|-------------------------------------|---------|--------------------|------------|--------------------------------|-----|-----------------------|------------|-----------------------|--|---|------|----|----|
| Revised 04-01-12 | | | | | | | | | | | | | Specialized Facility | X | | |
| | | | | | | | | | | | | | CTSO Required | HOSA | | |
| | | | | | | | | | | | | | CTSO Optional | | | |
| | | | | | | | | | | | | | (U) Unit/(C) Course/(P) Program Technical Skill Assessment Available | | | |
| Pathway | Subject Personnel Code | Program Courses | CIP Code | AL COS | Articulated Credit | Substitute | Embedded | POI | Teacher Certification | Ocu. Prof. | Program Certification | Teacher Credential Necessary for Awarding Student Credential | Student Credential | SEC | PS | HE |
| | CTE Electives | 400017 | Entrepreneurship | 52.0701 | Y | | | Y | Class B, CTE | | BIC | | | | | |
| | | 400031 | Cooperative Education Seminar | 52.9999 | Y | | | Y | Class B, CTE | | BIC | | Alabama Career Readiness Certificate | C | | |
| | | 400016 | Workforce Essentials | 32.0111 | Y | | | Y | Class B, CTE | | BIC | | | | | |
| | | 400021 | Personal Finance | 19.0402 | Y | | | Y | CTE Certificate | | BIC | | | | | |
| | | 400023 | Senior Career Pathway Project | | Y | | | Y | CTE Certificate | | BIC | | | | | |
| Therapeutic Services / Support Services / Diagnostic Services / Health Informatics | Therapeutic Services | 490007 | R- Foundations of Health Science | 51.0000 | Y | | Health Education | Y | HS | Y | BIC | | NCHSE (National Consortium on Health Science Education) National Health Science Certificate | C | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | CPR | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | AED | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | First Aid | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | Preventing Disease Transmission (Bloodborne Pathogens) | U | | |
| | | | | | | | | | | | | Certified CERT Instructor | CERT (Community Emergency Response Team) | U | | |
| | | | | | | | | | | | | | CDC Training on Concussion in Youth Sports | U | | |
| | | | | | | | | | | | | | NOCTI Health Assisting | C | | |
| | | 490015 | Human Body Structures and Functions | 26.0403 | Y | | Human Anatomy & Physiology/H Q | Y | HS | Y | BIC | | | | | |
| | | 490013 | Health Science Internship 1 credit | 51.0000 | Y | | | Y | HS | Y | BIC | Certified Instructor with American Red Cross or American Heart Association | CPR | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | AED | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | First Aid | U | | |
| | | | | | | | | | | | | Certified CERT Instructor | CERT (Community Emergency Response Team) | U | | |
| | | | | | | | | | | | | Certified CNA Instructor | CNA (Certified Nursing Assistant) | C | | |
| | | | | | | | | | | | | | NOCTI Nursing Assistant | C | | |
| | | | | | | | | | | | | | NCHSE (National Consortium on Health Science Education) National Health Science Certificate | C | | |
| | | | | | | | | | | | | | Phlebotomy Technician Certification (CPT) with National Healthcareer Association | C | | |

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| Pathway | Subject Personnel Code | Program Courses | CIP Code | AL COS | Articulated Credit | Substitute | Embedded | POI | Teacher Certification | Occu. Prof. | Program Certification | Teacher Credential Necessary for Awarding Student Credential | Student Credential | SEC | PS | HE |
| | | | | | | | | | | | | | EKG Technician Certification (CET) with National Healthcareer Association | C | | |
| | | | | | | | | | | | | | Certified Patient Care Technician (CPCT) with National Healthcareer Association | C | | |
| | 490014 | Health Science Internship 2 credits | 51.0000 | Y | | | | Y | HS | Y | BIC | Certified Instructor with American Red Cross or American Heart Association | CPR | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | AED | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | First Aid | U | | |
| | | | | | | | | | | | | Certified CERT Instructor | CERT (Community Emergency Response Team) | U | | |
| | | | | | | | | | | | | Certified CNA Instructor | CNA (Certified Nursing Assistant) | C | | |
| | | | | | | | | | | | | | NOCTI Nursing Assistant | C | | |
| | | | | | | | | | | | | | NCHSE (National Consortium on Health Science Education) National Health Science Certificate | C | | |
| | | | | | | | | | | | | | Phlebotomy Technician Certification (CPT) with National Healthcareer Association | C | | |
| | | | | | | | | | | | | | EKG Technician Certification (CET) with National Healthcareer Association | C | | |
| | | | | | | | | | | | | | Certified Patient Care Technician (CPCT) with National Healthcareer Association | C | | |
| | 490016 | Advanced Health Seminar | 51.1199 | Y | | | | Y | HS | Y | BIC | | NCHSE (National Consortium on Health Science Education) National Health Science Certificate | C | | |
| | 490021 | Health Promotion & Wellness 1/2 credit | 51.0001 | Y | | | | Y | HS | Y | BIC | | | | | |
| | 490023 | Therapeutic Services | 51.1199 | Y | | | | Y | HS | Y | BIC | | NOCTI Therapeutic Services | C | | |
| | | | | | | | | | | | | | NOCTI Home Health Aide | C | | |
| | | | | | | | | | | | | | NOCTI Nursing Assistant | C | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | CPR | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | AED | U | | |
| | | | | | | | | | | | | | EKG Technician Certification (CET) with National Healthcareer Association | C | | |
| | | | | | | | | | | | | | Phlebotomy Technician Certification (CPT) with National Healthcareer Association | C | | |
| | 490011 | Sports Medicine | 51.0913 | Y | | | | Y | HS | Y | BIC | | Certified Personal Trainer through ACSM, NSCA, or NASM (ACSM-American College of Sports Medicine, NSCA-National Strength and Conditioning Association, and NASM-National Academy of Sports Medicine) | C | | |

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| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | CPR | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | AED | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | First Aid | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross | Sports Safety | C | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross | CDC Training on Concussion in Youth Sports | U | | |
| | 490041 | Introduction to Biotechnology | 26.0806 | Y | | Genetics / HQ | | Y | HS/Science | Y | BIC | | | | | |
| | 490022 | Introduction to Pharmacy | 51.0805 | Y | | | | Y | HS | Y | BIC | | Certified Pharmacy Technician (CPhT) | C | | |
| | 490032 | Support Services | 51.0899 | Y | | | | | HS | Y | BIC | | | | | |
| | 490012 | Dental Assisting | 51.0601 | Y | | | | Y | HS | Y | BIC | | NOCTI Dental Assisting | C | | |
| | 490017 | Diagnostic Services | 51.0999 | Y | | | | | HS | Y | BIC | | NOCTI Diagnostic Services | C | | |
| | | | | | | | | | | | | | NOCTI Medical Assisting | C | | |
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| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | AED | U | | |
| | | | | | | | | | | | | | EKG Technician Certification (CET) with National Healthcareer Association | C | | |
| | | | | | | | | | | | | | Phlebotomy Technician Certification (CPT) with National Healthcareer Association | C | | |
| | 490031 | Health Informatics | 51.0707 | Y | | | | Y | HS | Y | BIC | | NOCTI Health Informatics | C | | |
| | 410012 | Family Wellness 1/2 credit | 19.0799 | Y | | Health Education | | Y | HS/FACS | Y | BIC | Certified Instructor with American Red Cross or American Heart Association | CPR | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | First Aid | U | | |
| | 410003 | Introduction to Veterinary Science | 51.0808 | Y | | Science | | Y | HS/AG | Y | BIC | Certified Instructor with American Red Cross | Pet First Aid | C | | |
| | 410004 | Veterinary Science | 51.0808 | Y | | Science | | Y | HS/AG | Y | BIC | | NOCTI Small Animal Science and Technology | C | | |
| | 410024 | Emergency Services | 51.0904 | Y | | | | Y | HS/TE | Y | BIC | Certified Instructor with American Red Cross or American Heart Association | First Aid | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | CPR | U | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | AED | U | | |

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| | | | | | | | | | | | | Certified Instructor with American Red Cross | Emergency Medical Response | C | | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross | Wilderness and Remote First Aid | C | | | |
| | | | | | | | | | | | | Certified CERT Instructor | CERT (Community Emergency Response Team) | C | | | |
| | | | | | | | | | | | | | CDC Training on Concussion in Youth Sports | U | | | |
| | 410011 | Safety and Health Regulations | | Y | | | Science | Y | HS/TE/AG | Y | BIC | Certified OSHA Instructor | OSHA 10 Hour Certification | C | | | |
| | | | | | | | | | | | | Certified Instructor with American Red Cross or American Heart Association | First Aid | U | | | |
| | 410025 | Forensics and Criminal Investigations | 43.0106 | Y | | Forensic Science/HQ | | Y | HS/TE | Y | BIC | | NOCTI Criminal Justice | C | | | |
| | | | | | | | | | | | | | NOCTI Workplace Readiness (Employability Skills) | P | | | |
| | | | | | | | | | | | | | NOCTI 21st Century Skills for Workplace Success (Employability Skills) | P | | | |
| | | | | | | | | | | | | | Degree or Certification | | X | X | |
| Biomedical Research & Development | Project Lead The Way - Biomedical | | | | | | | | HS/Science | Y | PLTW | | | | | | |
| | | 490042 | Principles of Biomedical Sciences-PLTW | | | | | | | | | | | | | | |
| | | 490043 | Human Body Systems - PLTW | | | | | | HS/Science | Y | PLTW | | | | | | |
| | | 490044 | Medical Interventions-PLTW | | | | | | HS/Science | Y | PLTW | | | | | | |
| | | 490001 | Biomedical Innovation - PLTW | | | | | | HS/Science | Y | PLTW | | | | | | |
| | Middle School | 490004 | Health Explorations (35 instructional hour course) Grade 8 | | Y | | | | HS | Y | BIC | | | | | | |
| | | 490005 | Health Explorations (70 instructional hour course) Grade 8 | | Y | | | | HS | Y | BIC | | | | | | |
| | | 490006 | Health Explorations (140 instructional hour course) Grade 8 | | Y | | | | HS | Y | BIC | | | | | | |