CLUSTER: HEALTH SCIENCE														Required Equipment List	X		
Revised 4-1-11														Specialized Facility	X		
														CTSO Required	HOSA		
														CTSO Optional			
							Academic Credit						(U) Unit/(C) Course/(P)Program Technical Skill Assessment Available				
Pathway	Program	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
	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	Licensed Respiratory Therapist, Sports Medicine or RN	Certificates of Mastery, National Healthcare Foundation Skills Assessment National Consortium on Health Science Education (NCHSE) OK Career Tech Test Center, CPR	U, C	P	
		490015	Human Body Structures and Functions	26.0403	Y		Human Anatomy & Physiology/HQ		Y	HS	Y	BIC					
		490013	Health Science Internship 1 credit	51.0000	Y				Y	HS	Y	BIC		CPR	U, C		
		490014	Health Science Internship 2 credits	51.0000	Y				Y	HS	Y	BIC		CPR	U, C		
		490016	Advanced Health Seminar	51.1199	Y				Y	HS	Y	BIC		Advanced Health Science Certificate	U, 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	RN, LPN	Certified Nursing Assistant (CNA)- Department of Public Health, NOCTI -Nursing Assistant and Therapeutic Services, CPR	U, C		
		490011	Sports Medicine	51.0913	Y				Y	HS	Y	BIC	Certified Athletic Trainer/ Certified Sports Medicine Specialist	Athletic Training Student Aide, CPR	U, C		
		490041	Introduction to Biotechnology	26.0806	Y		Genetics / HQ		Y	HS/Science	Y	BIC		Biotechnology Certificate	U, C		
		490022	Introduction to Pharmacy	51.0805	Y				Y	HS	Y	BIC					
		490032	Support Services	51.0899	Y					HS	Y	BIC					

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														CTSO Optional			
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Pathway	Program	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
		490012	Dental Assisting	51.0601	Y				Y	HS	Y	BIC		NOCTI- Dental Assisting and Dental Lab Technology, CPR	U, C	P	
		490017	Diagnostic Services	51.0999	Y					HS	Y	BIC		NOCTI - Diagnostic Services, CPR	U, C		
		490031	Health Informatics	51.0707	Y				Y	HS	Y	BIC		NOCTI - Health Infomatics	U, C		
		410012	Family Wellness 1/2 credit	19.0799	Y		Health Education X		Y	HS/FACS	Y	BIC		Certified Medical Assistant (CMA), CPR	P	P	
		410003	Introduction to Veterinary Science	51.0808	Y			Science	Y	HS/AG	Y	BIC	DVM	NOCTI - Animal Systems, Veterinary Technician/DVM, American Veterinary Medical Association	C	P	P
		410004	Veterinary Science	51.0808	Y			Science	Y	HS/AG	Y	BIC		NOCTI Animal Systems	C		
		410024	Emergency Services	51.0904	Y				Y	HS/TE	Y	BIC	American Red Cross, American Heart Association	First Aid, CPR, AED, First Responder, Basic EMT	U	P	
		410011	Safety and Health Regulations		Y			Science	Y	HS/TE/AG	Y	BIC		OSHA 10 Hour Certification	U		
		410025	Forensics and Criminal Investigations	43.0106	Y		Forensic Science/HQ		Y	HS/TE	Y	BIC		Forensic Technician		P	
													Registered Nurse	Licensed Practical Nurse, AL Board of Nursing		P	
														Physician, RN		P	P
													CST	Certified Surgical Technician, ARCEST	P		
														NOCTI - Medical Assisting, Health Assisting, Home Health Aide	P	P	
													Pharmacist	Registered Pharmacist			P
														National Registry of Emergency Technicians			
													EMT-P	EMT Basic, AL Dept. of Public Health	U	P	
													EMT-P	EMT- Paramedic, AL Dept. of Public Health National Registry of Emergency Technicians		P	
														Clinical Laboratory Technologist		P	
													Dental Hygienist, Dentist	Certified Dental Assistant (CDA), National Dental		P	
														Association Board, Commission on Dental Accreditation			

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							Academic Credit						**(U) Unit/(C) Course/(P)Program Technical Skill Assessment Available**				
Pathway	**Program**	**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**
														Respiratory Therapist (Certified)		P	
														Biomedical Engineering, Biomedical Technician		P	P
														Certified Pharmacy Technician (CPhT)	P	P	
														Certified Environmental Technician		P	
														Sports Safety Trainer	P	P	
Biomedical Research & Development	**Project Lead The Way - Biomedical**	490042	Principles of Biomedical Sciences-PLTW							HS/Science	Y	PLTW	Class B - PLTW	Radiation Therapist			P
		490043	Human Body Systems - PLTW				Science			HS/Science	Y	PLTW	Class B - PLTW	Microbiologist, Toxicologist			P
		490044	Medical Interventions-PLTW				Science			HS/Science	Y	PLTW	Class B - PLTW	Certified Quality Assurance Professional			P
		490001	Biomedical Innovation - PLTW				Science			HS/Science	Y	PLTW	Class B - PLTW	Biomedical Engineer			P
	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					