

October 1, 2008

### Health Science Career Cluster Sequence of Courses

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Pathways	Biotechnology Research and Development	Diagnostic Services					
Career Majors	Biological Laboratory Technician 420 Hours	Diagnostic Medical Sonographer 1950 Hours	Electrocardiograph Technician 525 Hours	Magnetic Resonance Imaging Technician 776 Hours	Phlebotomist 600 Hours	Radiologic Technologist 2627 Hours	Radiology Aide 705 Hours
<b>Recommended Course Sequence</b>	Applied Mathematics for Laboratory Science 120 Hours	Ultrasound Physics and Instrumentation II 45 Hours	EKG Practicum 90 Hours	Physics 60 Hours	Phlebotomy Practicum 120 Hours	Advanced Imaging 48 Hours	Clinical Practice for the Radiology Aide 120 Hours
	Biological Laboratory Safety 120 Hours	Ultrasound Physics & Instrumentation I 60 Hours	Analyze EKG Tracing 15 Hours	Clinical MRI III-Body (Thorax, Abdomen and Pelvis) 120 Hours	Phlebotomy Specimen Collection & Processing 45 Hours	Comprehensive Program Review for Radiography 64 Hours	Imaging Equipment, Processing, and PACS 60 Hours
	Professionalism and Communication Skills 60 Hours	Vascular Sonography 45 Hours	EKG Management 15 Hours	Clinical MRI II-Extremities 240 Hours	Safety, Legal Issues & Quality Control 15 Hours	Career Preparation for Radiography 16 Hours	Patient Care for the Radiology Aide 90 Hours
	Introduction to Biotechnology 120 Hours	Advanced Sonography 15 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Clinical MRI I-Brain and Spine 240 Hours	Clerical Skills & Duties 15 Hours	Radiographic Procedures I 150 Hours	Radiation Protection for the Aide 15 Hours
		Sonography Clinical III 270 Hours	Anatomy and Physiology 120 Hours	Introduction to Clinical Module-Introduction to MRI Safety and Patient Care 6 Hours	Anatomy and Physiology 120 Hours	Radiation Pathology 32 Hours	Introduction to Radiologic Science 15 Hours

Pathways	Biotechnology Research and Development	Diagnostic Services					
Career Majors	Biological Laboratory Technician 420 Hours	Diagnostic Medical Sonographer 1950 Hours	Electrocardiograph Technician 525 Hours	Magnetic Resonance Imaging Technician 776 Hours	Phlebotomist 600 Hours	Radiologic Technologist 2627 Hours	Radiology Aide 705 Hours
		Sonography Bioeffects 15 Hours	Core Medical Terminology 45 Hours	Cross- Sectional Anatomy-Brain and Spine, Extremities and Body 50 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Radiographic Procedures II 150 Hours	Core Healthcare Provider CPR and First Aid 15 Hours
		Medical Sonographer Review Course 75 Hours	Health Careers Core Curriculum (Technology Center) 225 Hours	Foundations of MRI 60 Hours	Core Medical Terminology 45 Hours	Radiation Protection 48 Hours	Anatomy and Physiology 120 Hours
		Small Parts Sonography 30 Hours			Health Careers Core Curriculum (Technology Center) 225 Hours	Radiation Production and Characteristics 48 Hours	Core Medical Terminology 45 Hours
		Sonography Clinical II 450 Hours				Radiation Biology 48 Hours	Health Careers Core Curriculum (Technology Center) 225 Hours
		OB/GYN Sonography 90 Hours				Basic Principles of Computed Tomography 48 Hours	
		Sonography Clinical I 600 Hours				Radiologic Clinical Practice I 645 Hours	
		Abdominal Ultrasound				Radiologic Clinical Practice II	

Pathways	Biotechnology Research and Development	Diagnostic Services					
Career Majors	Biological Laboratory Technician 420 Hours	Diagnostic Medical Sonographer 1950 Hours	Electrocardiograph Technician 525 Hours	Magnetic Resonance Imaging Technician 776 Hours	Phlebotomist 600 Hours	Radiologic Technologist 2627 Hours	Radiology Aide 705 Hours
		105 Hours				645 Hours	
		Medical Ethics in Sonography 45 Hours				Pharmacology and Drug Administration 32 Hours	
		Patient Care in Sonography 45 Hours				Patient Care in Radiologic Sciences 64 Hours	
		Introduction to Sonography 60 Hours				Digital Image Acquisition and Display 64 Hours	
						Imaging Equipment 96 Hours	
						Image Analysis II 64 Hours	
						Film-Screen Image Acquisition and Processing 80 Hours	
						Image Analysis I 64 Hours	
						Ethics and Law in the Radiologic Sciences 32 Hours	

Pathways	Biotechnology Research and Development	Diagnostic Services					
Career Majors	Biological Laboratory Technician 420 Hours	Diagnostic Medical Sonographer 1950 Hours	Electrocardiograph Technician 525 Hours	Magnetic Resonance Imaging Technician 776 Hours	Phlebotomist 600 Hours	Radiologic Technologist 2627 Hours	Radiology Aide 705 Hours
						Human Structure and Function for Radiography 96 Hours	
						Core Medical Terminology 45 Hours	
						Fundamentals of Radiological Sciences & Health Care 48 Hours	

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**Health Science**

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Pathways	Therapeutic Services									
<b>Career Majors</b>	<b>Direct Care Aide</b> 685 Hours	<b>Advanced Acute Care Nursing Assistant (Pre-Nursing)</b> 696 Hours	<b>Advanced Unlicensed Assistant</b> 736 Hours	<b>Certified Medication Aide</b> 61 Hours	<b>Certified Massage Therapist</b> 765 Hours	<b>Chiropractic Assistant</b> 555 Hours	<b>Basic Medical Assistant</b> 525 Hours	<b>Certified Dental Assistant</b> 975 Hours	<b>Dental Assistant</b> 585 Hours	<b>Dental Hygienist</b> 2641 Hours
<b>Recommended Course Sequence</b>	Advanced Unlicensed Assistant (Theory and Clinical) 240 Hours	Fundamentals of Nursing 160 Hours	Advanced Unlicensed Assistant (Theory and Clinical) 240 Hours	Advanced CMA-Insulin Administration 16 Hours	Clinical Practice in Massage Therapy 120 Hours	Chiropractic Assistant Internship 60 Hours	Medical Assisting Clinical Experience 165 Hours	Clinical Practice for the Dental Assistant 300 Hours	Internship in the Dental Office 105 Hours	Periodontics III 44 Hours
	Long Term Care/Home Health Care Aide 91 Hours	Concepts of Nursing 40 Hours	Long Term Care Assistant 91 Hours	Certified Medication Aide 45 Hours	Business Practice in Massage Therapy 30 Hours	Physiotherapy for Athletic Training 45 Hours	Introduction to the Medical Office Clinical Procedures (Part II) 60 Hours	Clinical Sciences for the Dental Assistant 360 Hours	Clinical Sciences for the Dental Assistant 360 Hours	Community Health Practicum 15 Hours
	Basic Dysrhythmia 36 Hours	Long Term Care Assistant 91 Hours	Core Healthcare Provider CPR and First Aid 15 Hours		Kinesiology in Massage Therapy 60 Hours	Chiropractic Ethical Concepts 15 Hours	Introduction to Medical Office Clinical Procedures (Part 1) 60 Hours	Dental Sciences for the Dental Assistant 195 Hours	Dental Science 75 Hours	Community Health Issues in Dental 88 Hours
	Core Medical Terminology 45 Hours	Anatomy and Physiology 120 Hours	Anatomy and Physiology 120 Hours		Pathology in Massage Therapy 60 Hours	Chiropractic Insurance Billing and Coding 15 Hours	Pharmacology 45 Hours	Biomedical Sciences for the Dental Assistant 75 Hours	Foundations of Dental Assisting 30 Hours	Periodontics II 44 Hours
	Introduction to Anatomy & Physiology 48 Hours	Core Healthcare Provider CPR and First Aid	Core Medical Terminology 45 Hours		Massage Theory & Technique 300 Hours	The Chiropractic Profession 15 Hours	Anatomy and Physiology 120 Hours	Foundations of Dental Assisting 30 Hours	Core Healthcare Provider CPR and	Oral Pathology 176 Hours

Pathways	Therapeutic Services									
Career Majors	Direct Care Aide 685 Hours	Advanced Acute Care Nursing Assistant (Pre-Nursing) 696 Hours	Advanced Unlicensed Assistant 736 Hours	Certified Medication Aide 61 Hours	Certified Massage Therapist 765 Hours	Chiropractic Assistant 555 Hours	Basic Medical Assistant 525 Hours	Certified Dental Assistant 975 Hours	Dental Assistant 585 Hours	Dental Hygienist 2641 Hours
		15 Hours							First Aid 15 Hours	
	Health Careers Core Curriculum (Technology Center) 225 Hours	Core Medical Terminology 45 Hours	Health Careers Core Curriculum (Technology Center) 225 Hours		Professional Standards Legal and Ethical Issues in Massage Therapy 30 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Core Medical Terminology 45 Hours	Core Healthcare Provider CPR and First Aid 15 Hours		Pain Control for Dental Hygiene Care 88 Hours
		Health Careers Core Curriculum (Technology Center) 225 Hours			Core Medical Terminology 45 Hours	Anatomy and Physiology 120 Hours	Introduction to Medical Assisting 30 Hours			Clinical Dental Hygiene IV 260 Hours
					Anatomy and Physiology 120 Hours	Core Medical Terminology 45 Hours				Advanced Clinical Dental Hygiene Practice 88 Hours
						Health Careers Core Curriculum (Technology Center) 225 Hours				Dental Ethics and Jurisprudence 44 Hours
										Dental Hygiene Practice Management 44 Hours
										Dental Hygiene Senior Project Capstone

Pathways	Therapeutic Services									
Career Majors	Direct Care Aide 685 Hours	Advanced Acute Care Nursing Assistant (Pre-Nursing) 696 Hours	Advanced Unlicensed Assistant 736 Hours	Certified Medication Aide 61 Hours	Certified Massage Therapist 765 Hours	Chiropractic Assistant 555 Hours	Basic Medical Assistant 525 Hours	Certified Dental Assistant 975 Hours	Dental Assistant 585 Hours	Dental Hygienist 2641 Hours
										130 Hours
										Periodontics I 44 Hours
										Dental Hygiene Clinical Rotations II 44 Hours
										Clinical Dental Hygiene III 260 Hours
										Dental Hygiene Process of Care 44 Hours
										Dental Hygiene Clinical Rotations I 44 Hours
										Dental Materials Science 44 Hours
										Dental Hygiene Research Methods 130 Hours
										Oral Radiography II 44 Hours
										Preventive Dentistry 130 Hours

Pathways	Therapeutic Services									
Career Majors	Direct Care Aide 685 Hours	Advanced Acute Care Nursing Assistant (Pre-Nursing) 696 Hours	Advanced Unlicensed Assistant 736 Hours	Certified Medication Aide 61 Hours	Certified Massage Therapist 765 Hours	Chiropractic Assistant 555 Hours	Basic Medical Assistant 525 Hours	Certified Dental Assistant 975 Hours	Dental Assistant 585 Hours	Dental Hygienist 2641 Hours
										Oral Radiography I 130 Hours
										Applied Dental Materials 44 Hours
										Head and Neck Anatomy 88 Hours
										Clinical Dental Hygiene Theory II 88 Hours
										Oral Diagnosis 88 Hours
										Clinical Dental Hygiene Theory 45 Hours
										Clinical Dental Hygiene 88 Hours
										Dental Morphology 44 Hours
										General and Oral Histology 88 Hours
										Geriatric Dentistry 44 Hours
										Dental Pharmacology

Pathways	Therapeutic Services									
Career Majors	Direct Care Aide 685 Hours	Advanced Acute Care Nursing Assistant (Pre-Nursing) 696 Hours	Advanced Unlicensed Assistant 736 Hours	Certified Medication Aide 61 Hours	Certified Massage Therapist 765 Hours	Chiropractic Assistant 555 Hours	Basic Medical Assistant 525 Hours	Certified Dental Assistant 975 Hours	Dental Assistant 585 Hours	Dental Hygienist 2641 Hours
										45 Hours
										Pediatric Dentistry 44 Hours

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Health Science

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Pathways	Therapeutic Services									
<b>Career Majors</b>	<b>Dental Laboratory Technician</b> 1050 Hours	<b>EMR Emergency Medical Responder</b> 447 Hours	<b>Emergency Medical Technician-Basic</b> 180 Hours	<b>Emergency Medical Technician-Advanced</b> 358 Hours	<b>Emergency Medical Technician-Paramedic</b> 1064 Hours	<b>Emergency Medical Technician (Advanced &amp; Paramedic)</b> 1310 Hours	<b>Feeding Assistant</b> 285 Hours	<b>Fitness Specialist</b> 540 Hours	<b>Home Health Care Nursing Assistant</b> 16 Hours	<b>Licensed Practical Nurse</b> 1463 Hours
<b>Recommended Course Sequence</b>	Dental Lab Capstone 150 Hours	EMR Emergency Medical Responder 42 Hours	Basic EMT Preceptorship 24 Hours	Advanced EMT Clinical Preceptorship 112 Hours	Paramedic Preceptorship and Leadership 280 Hours	Paramedic Preceptorship and Leadership 280 Hours	Feeding Assistant 45 Hours	Clinical Practice in Fitness/Health 60 Hours	Home Health Care Nursing Assistant 16 Hours	Clinical V - Transition to Practice 120 Hours
	Crown and Bridge 420 Hours	Anatomy and Physiology 120 Hours	Basic Operations of the EMT 15 Hours	Advanced EMT Core 81 Hours	Advanced EMT Clinical Preceptorship 112 Hours	EMS Operations for the Paramedic 62 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Applied Concepts in Fitness 15 Hours		Transition to Practice 15 Hours
	Complete Dentures I 150 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Basic Care of Special Patient Populations 16 Hours	EMT Basic - Prerequisite 165 Hours	EMS Operations for the Paramedic 62 Hours	Paramedic Assessment Based Management 16 Hours	Health Careers Core Curriculum (Technology Center) 225 Hours	Exercise Physiology 45 Hours		Mental Health Nursing 40 Hours
	General Dental Laboratory Techniques 180 Hours	Core Medical Terminology 45 Hours	Basic Trauma 27 Hours		Paramedic Assessment Based Management 16 Hours	Special Patient Populations for the Paramedic 89 Hours		Introduction to the Fitness Professions 15 Hours		Clinical IV Maternal/Newborn, Pediatric and Mental Health 88 Hours
	Dental Laboratory Orientation 150 Hours	Health Careers Core Curriculum (Technology Center)	Basic Medical Emergencies 33 Hours		Special Patient Populations for the Paramedic 89 Hours	Paramedic Medical Emergencies 218 Hours		Core Medical Terminology 45 Hours		Maternal/Newborn Nursing 40 Hours

Pathways	Therapeutic Services									
<b>Career Majors</b>	<b>Dental Laboratory Technician</b> 1050 Hours	<b>EMR Emergency Medical Responder</b> 447 Hours	<b>Emergency Medical Technician-Basic</b> 180 Hours	<b>Emergency Medical Technician-Advanced</b> 358 Hours	<b>Emergency Medical Technician-Paramedic</b> 1064 Hours	<b>Emergency Medical Technician (Advanced &amp; Paramedic)</b> 1310 Hours	<b>Feeding Assistant</b> 285 Hours	<b>Fitness Specialist</b> 540 Hours	<b>Home Health Care Nursing Assistant</b> 16 Hours	<b>Licensed Practical Nurse</b> 1463 Hours
		225 Hours								
			Basic Patient Assessment 21 Hours		Paramedic Medical Emergencies 218 Hours	Paramedic Trauma Emergencies 82 Hours		Anatomy and Physiology 120 Hours		Pediatric Nursing 40 Hours
			Basic Airway Management 15 Hours		Paramedic Trauma Emergencies 82 Hours	Paramedic Patient Assessment 57 Hours		Core Healthcare Provider CPR and First Aid 15 Hours		Clinical III-Medical Surgical Nursing (Part II) 192 Hours
			Basic Preparatory for the EMT 14 Hours		Paramedic Patient Assessment 57 Hours	Paramedic Airway Management and Ventilation 24 Hours		Health Careers Core Curriculum (Technology Center) 225 Hours		Medical Surgical Nursing II 75 Hours
			Core Healthcare Provider CPR and First Aid 15 Hours		Paramedic Airway Management and Ventilation 24 Hours	Paramedic Preparatory 124 Hours				Clinical II - Medical Surgical Nursing (Part I) 192 Hours
					Paramedic Preparatory 124 Hours	Advanced EMT Clinical Preceptorship 112 Hours				Medical Surgical Nursing I 75 Hours
						Advanced EMT Core 81 Hours				Pharmacology and Intravenous Therapy Skills 50 Hours
						EMT Basic - Prerequisite 165 Hours				Clinical I Basic Nursing 80 Hours

Pathways	Therapeutic Services									
Career Majors	Dental Laboratory Technician 1050 Hours	EMR Emergency Medical Responder 447 Hours	Emergency Medical Technician-Basic 180 Hours	Emergency Medical Technician-Advanced 358 Hours	Emergency Medical Technician-Paramedic 1064 Hours	Emergency Medical Technician (Advanced & Paramedic) 1310 Hours	Feeding Assistant 285 Hours	Fitness Specialist 540 Hours	Home Health Care Nursing Assistant 16 Hours	Licensed Practical Nurse 1463 Hours
										Fundamentals of Nursing 160 Hours
										Concepts of Nursing 40 Hours
										Long Term Care Assistant 91 Hours
										Anatomy and Physiology 120 Hours
										Core Medical Terminology 45 Hours

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Pathways	Therapeutic Services									
<b>Career Majors</b>	<b>Long Term Care Nursing Assistant</b>  91 Hours	<b>Long Term Care/Home Health Care Assistant</b>  107 Hours	<b>Medical Assistant</b>  1050 Hours	<b>Medication Administration Technician</b>  16 Hours	<b>Mental Health Aide</b>  525 Hours	<b>Nursing Assistant</b>  496 Hours	<b>Multi-Skilled Technician</b>  1231 Hours	<b>Occupational Therapy Aide</b>  555 Hours	<b>Occupational Therapy Assistant</b>  1360 Hours	<b>Prosthetic Technician</b>  1597 Hours
<b>Recommended Course Sequence</b>	Supervised Clinical Experience in Long Term Care Assistant 16 Hours	Home Health Care Nursing Assistant 16 Hours	Medical Assisting Externship 165 Hours	Medication Administration Technician 16 Hours	Mental Health Aide 120 Hours	Long Term Care Assistant 91 Hours	Radiography for the Health Care Provider 120 Hours	Clinical Practice for the Occupational Therapy Aide 60 Hours	Fieldwork IIB-Occupational Therapy Assistant 320 Hours	Advanced Transtibial Prosthetics 180 Hours
	Normal and Abnormal Body Structure and Function 3 Hours	Long Term Care Assistant 91 Hours	Medical Assisting Simulation 45 Hours		Core Healthcare Provider CPR and First Aid 15 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Restorative Care Aide 60 Hours	Occupational Therapy Treatment - Therapeutic Exercises 15 Hours	Fieldwork IIA-Occupational Therapy Assistant 320 Hours	Clinical Prosthetics 300 Hours
	Death and Dying 5 Hours		Medical Informatics 45 Hours		Anatomy and Physiology 120 Hours	Anatomy and Physiology 120 Hours	Phlebotomy Tech 195 Hours	Occupational Therapy Agents and Modalities 15 Hours	Psychosocial Dysfunction and Treatment in Occupational Therapy 64 Hours	Transfemoral Prosthetics 325 Hours
	Care for the Patient with Dementia/Alzheimer's Diseases 16 Hours		Medical Coding 45 Hours		Core Medical Terminology 45 Hours	Core Medical Terminology 45 Hours	EKG Tech 120 Hours	Ethics and Law in Occupational Therapy 15 Hours	Eldercare in Occupational Therapy 64 Hours	Transradial/Transhumeral Prosthetics 180 Hours
	Basic Nursing Skills 15 Hours		Administrative Medical Office		Health Careers Core	Health Careers Core	Long Term Care Assistant	Effective Communication for the	Pediatric Care in Occupational	Transtibial Prosthetics 335 Hours

Pathways	Therapeutic Services									
<b>Career Majors</b>	<b>Long Term Care Nursing Assistant</b>  91 Hours	<b>Long Term Care/Home Health Care Assistant</b>  107 Hours	<b>Medical Assistant</b>  1050 Hours	<b>Medication Administration Technician</b>  16 Hours	<b>Mental Health Aide</b>  525 Hours	<b>Nursing Assistant</b>  496 Hours	<b>Multi-Skilled Technician</b>  1231 Hours	<b>Occupational Therapy Aide</b>  555 Hours	<b>Occupational Therapy Assistant</b>  1360 Hours	<b>Prosthetic Technician</b>  1597 Hours
			Procedures 105 Hours		Curriculum (Technology Center) 225 Hours	Curriculum (Technology Center) 225 Hours	91 Hours	Occupational Therapy Aide 15 Hours	Therapy 64 Hours	
	Resident/Client Mobility, Positioning and Transfer 9 Hours		Medical Law and Ethics 30 Hours				Advanced Unlicensed Assistant (Theory and Clinical) 240 Hours	Clerical Skills and Duties for the Occupational Therapy Aide 15 Hours	Occupational Therapy Assistant Clinical Practice IB 96 Hours	Technical Anatomy 102 Hours
	Infection Control for Long Term Care Assistant 9 Hours		Beginning Word Processing Applications 75 Hours				Core Healthcare Provider CPR and First Aid 15 Hours	Introduction to Occupational Therapy Aide 15 Hours	Physical Dysfunction and Treatment in Occupational Therapy 64 Hours	Orthotics & Prosthetics Equipment and Materials 130 Hours
	Consumer Rights, Ethical & Legal Issues Affecting the Nursing Assistant in Long Term Care 3 Hours		Introduction to Medical Insurance 45 Hours				Anatomy and Physiology 120 Hours	Anatomy and Physiology 120 Hours	Health Care Systems and Occupational Therapy Management 32 Hours	Core Medical Terminology 45 Hours
	Communication for the Nursing Assistant 3 Hours		Anatomy and Physiology 120 Hours				Core Medical Terminology 45 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Therapeutic Activities in Occupational Therapy 48 Hours	
	Basic Human Needs for Residents/Clients 3 Hours		Computer Keyboarding 45 Hours				Health Careers Core Curriculum (Technology Center)	Core Medical Terminology 45 Hours	Occupational Therapy Assistant Fieldwork I-A 96 Hours	

Pathways	Therapeutic Services									
<b>Career Majors</b>	<b>Long Term Care Nursing Assistant</b>  91 Hours	<b>Long Term Care/Home Health Care Assistant</b>  107 Hours	<b>Medical Assistant</b>  1050 Hours	<b>Medication Administration Technician</b>  16 Hours	<b>Mental Health Aide</b>  525 Hours	<b>Nursing Assistant</b>  496 Hours	<b>Multi-Skilled Technician</b>  1231 Hours	<b>Occupational Therapy Aide</b>  555 Hours	<b>Occupational Therapy Assistant</b>  1360 Hours	<b>Prosthetic Technician</b>  1597 Hours
							225 Hours			
	Safety for Long Term Care Nursing Assistant 3 Hours		Pharmacology 45 Hours					Health Careers Core Curriculum (Technology Center) 225 Hours	Disease Pathology for Occupational Therapy Assistant 32 Hours	
	Role of the Nursing Assistant in Long Term Care 3 Hours		Clinical Procedures II 120 Hours						Therapeutic Media for Occupational Therapy Assistant 32 Hours	
	Introduction to Long Term Care Assistant 3 Hours		Clinical Procedures I 120 Hours						Kinesiology for Occupational Therapy Assistant 64 Hours	
			Core Medical Terminology 45 Hours						Introduction to Occupational Therapy Assistant 64 Hours	

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Pathways	Therapeutic Services									
<b>Career Majors</b>	<b>Orthotics Technician</b> 1365 Hours	<b>Orthotics/Prosthetics Technician</b> 2685 Hours	<b>Physical Therapy Aide</b> 600 Hours	<b>Physical Therapy Assistant</b> 1042 Hours	<b>Restorative Aide</b> 556 Hours	<b>Student Athletic Training Aide</b> 615 Hours	<b>Surgical First Assistant</b> 650 Hours	<b>Surgical Technologist (Accredited Program)</b> 1185 Hours	<b>Therapy Technician</b> 930 Hours	<b>Veterinary Assistant</b> 600 Hours
<b>Recommended Course Sequence</b>	Clinical Orthotics 300 Hours	Advanced Transtibial Prosthetics 180 Hours	Clinical Practice for the Physical Therapy Aide 60 Hours	Physical Therapy Assistant Clinical Practicum II 440 Hours	Restorative Care Aide 60 Hours	Student Athletic Training Internship 60 Hours	Surgical First Assistant Clinical 350 Hours	Surgical Tech Practicum III 210 Hours	Student Athletic Training Aide 210 Hours	Internship for Veterinary Assistant 60 Hours
	Upper Limb Orthotics 135 Hours	Clinical Prosthetics 300 Hours	Therapeutic Agents and Modalities 30 Hours	Pain Management II 48 Hours	Long Term Care Assistant 91 Hours	Physiotherapy for Athletic Training 45 Hours	Surgical First Assistant Certification Review 15 Hours	Surgical Tech Practicum II 210 Hours	Physical Therapy Aide 165 Hours	Principles of Pharmacology for the Veterinary Assistant 15 Hours
	Spinal Orthotics 258 Hours	Transfemoral Prosthetics 325 Hours	Therapeutic Exercises 30 Hours	Threats to Basic Needs 48 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Basic Care & Prevention of Athletic Injuries 90 Hours	Surgical First Assistant Surgical Complications 15 Hours	Biomedical Science 15 Hours	Occupational Therapy Aide 150 Hours	Routine Duties in a Veterinary Clinic 30 Hours
	Technical Anatomy 102 Hours	Transradial/Transhumeral Prosthetics 180 Hours	Ambulation and Gait Training 15 Hours	Physical Therapy Assistant Systems/Problems 32 Hours	Anatomy and Physiology 120 Hours	Introduction to Athletic Training Profession 15 Hours	Surgical First Assistant Surgical Specialty 60 Hours	Surgical Procedures II 75 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Surgical Procedures for the Veterinary Assistant 30 Hours
	Lower Limb Orthotics 395 Hours	Transtibial Prosthetics 335 Hours	Preparation for Patient Care in Physical	Therapeutic Exercise II 66 Hours	Core Medical Terminology 45 Hours	Core Healthcare Provider CPR and First Aid	Surgical First Assistant Equipment & Skills	Surgical Procedures I 90 Hours	Anatomy and Physiology 120 Hours	Diagnostic Procedures for the Veterinary

Pathways	Therapeutic Services									
Career Majors	Orthotics Technician 1365 Hours	Orthotics/Prosthetics Technician 2685 Hours	Physical Therapy Aide 600 Hours	Physical Therapy Assistant 1042 Hours	Restorative Aide 556 Hours	Student Athletic Training Aide 615 Hours	Surgical First Assistant 650 Hours	Surgical Technologist (Accredited Program) 1185 Hours	Therapy Technician 930 Hours	Veterinary Assistant 600 Hours
			Therapy 15 Hours			15 Hours	60 Hours			Assistant 15 Hours
	Orthotics & Prosthetics Equipment and Materials 130 Hours	Clinical Orthotics 300 Hours	Ethics and Law in Physical Therapy 15 Hours	Physical Therapy Assistant Clinical Practicum I 184 Hours	Health Careers Core Curriculum (Technology Center) 225 Hours	Anatomy and Physiology 120 Hours	Surgical First Assistant Bioscience 30 Hours	Microbiology and Wound Healing 30 Hours	Core Medical Terminology 45 Hours	Large and Small Animal Care 15 Hours
	Core Medical Terminology 45 Hours	Upper Limb Orthotics 135 Hours	Clerical Skills and Duties for the Physical Therapy Aide 15 Hours	Therapeutic Exercise I 72 Hours		Core Medical Terminology 45 Hours	Surgical First Assistant Pharmacology & Anesthesia 45 Hours	Surgical Pharmacology 30 Hours	Health Careers Core Curriculum (Technology Center) 225 Hours	Large and Small Animal Medicine 15 Hours
		Spinal Orthotics 258 Hours	Introduction to Physical Therapy Aide 15 Hours	Pain Management I 72 Hours		Health Careers Core Curriculum (Technology Center) 225 Hours	Surgical First Assistant Advanced Microbiology 30 Hours	Surgical Patient Care 45 Hours		Core Healthcare Provider CPR and First Aid 15 Hours
		Lower Limb Orthotics 395 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Basic Human Needs 48 Hours			Surgical First Assistant Advanced Pathology 30 Hours	Surgical Tech Practicum I 60 Hours		Veterinary Office Management Procedures 15 Hours
		Technical Anatomy 102 Hours	Anatomy and Physiology 120 Hours	Introduction to Physical Therapy Assisting 32 Hours			Surgical First Assistant Introduction 15 Hours	Surgical Case Management 120 Hours		Core Medical Terminology 45 Hours
		Orthotics & Prosthetics Equipment and Materials	Core Medical					Essentials of Surgical		Anatomy and Physiology

Pathways	Therapeutic Services									
Career Majors	Orthotics Technician 1365 Hours	Orthotics/Prosthetics Technician 2685 Hours	Physical Therapy Aide 600 Hours	Physical Therapy Assistant 1042 Hours	Restorative Aide 556 Hours	Student Athletic Training Aide 615 Hours	Surgical First Assistant 650 Hours	Surgical Technologist (Accredited Program) 1185 Hours	Therapy Technician 930 Hours	Veterinary Assistant 600 Hours
		130 Hours	Terminology 45 Hours					Asepsis 60 Hours		120 Hours
		Core Medical Terminology 45 Hours	Health Careers Core Curriculum (Technology Center) 225 Hours					Introduction to Surgical Technology 30 Hours		Health Careers Core Curriculum (Technology Center) 225 Hours
								Core Employability Skills 30 Hours		
								Surgical Technology Orientation 15 Hours		
								Anatomy and Physiology 120 Hours		
								Core Medical Terminology 45 Hours		

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Pathways	Therapeutic Services								
<b>Career Majors</b>	<b>Vision Care Technician</b> 1445 Hours	<b>CNA/AUA</b> 480 Hours	<b>Advanced Respiratory Therapist</b> 1446 Hours	<b>LTCNA Specialist</b> 791 Hours	<b>Pharmacy Technician</b> 495 Hours	<b>Multi-Skilled Assistant</b> 1035 Hours	<b>Advanced Pharmacy Technician</b> 600 Hours	<b>Pharmacy Aide</b> 335 Hours	<b>Medical Office Specialist</b> 635 Hours
<b>Recommended Course Sequence</b>	Vision Care Clinicals 485 Hours	Professionalism 100 Hours	Clinical Experience II 285 Hours	Clinical I Basic Nursing 80 Hours	Pharmacy Technician Internship 60 Hours	Radiography for the Health Care Provider 120 Hours	Pharmacy Technician Internship 60 Hours	Pharmacy Aide 260 Hours	Medical Office Specialist Internship 80 Hours
	Ophthalmic Instrument Maintenance 30 Hours	Advanced Unlicensed Assistant (Theory and Clinical) 240 Hours	Cardiopulmonary Anatomy, Physiology and Pathology 60 Hours	Fundamentals of Nursing 160 Hours	Pharmacy Technician Certification Preparation 30 Hours	Phlebotomy Technician 195 Hours	Pharmacy Technician Certification Preparation 30 Hours	Core Medical Terminology 45 Hours	Core Healthcare Provider CPR 6 Hours
	Vision Care Assistant Techniques 90 Hours	Nursing Assistant 140 Hours	Respiratory Therapy Procedures II & Lab 210 Hours	Concepts of Nursing 40 Hours	Professional Skills in the Pharmacy 15 Hours	EKG Tech 120 Hours	Professional Skills in the Pharmacy 15 Hours	Core Medical Mathematics 30 Hours	Core First Aid 15 Hours
	Contact Lenses and Ophthalmic Dispensing 45 Hours		Clinical Experience I 270 Hours	Advanced Unlicensed Assistant (Theory and Clinical) 240 Hours	Pharmaceutical Terminology 15 Hours	Veterinary Assistant 195 Hours	Pharmaceutical Terminology 15 Hours		Core Technical Skills in Healthcare 15 Hours
	Critical Thinking in the Ophthalmic Practice 45 Hours		Respiratory Care Sciences 60 Hours	Advanced CMA-Insulin Administration 16 Hours	Retail Pharmacy Operations 30 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Retail Pharmacy Operations 30 Hours		Introduction to Anatomy & Physiology 48 Hours
	Optics and Vision Correction		Respiratory Therapy Procedures I & Lab	Certified Medication Aide 45 Hours	Pharmacological Calculations 60 Hours	Anatomy and Physiology 120 Hours	Hospital and Long Term Care Pharmacy		Medical Coding 45 Hours

Pathways	Therapeutic Services								
Career Majors	Vision Care Technician 1445 Hours	CNA/AUA 480 Hours	Advanced Respiratory Therapist 1446 Hours	LTCNA Specialist 791 Hours	Pharmacy Technician 495 Hours	Multi-Skilled Assistant 1035 Hours	Advanced Pharmacy Technician 600 Hours	Pharmacy Aide 335 Hours	Medical Office Specialist 635 Hours
	45 Hours		300 Hours				Operations 15 Hours		
	Vision Care Assistant Techniques 90 Hours		Respiratory Pharmacology 45 Hours	Core Healthcare Provider CPR and First Aid 15 Hours	Pharmacology for PhT 75 Hours	Core Medical Terminology 45 Hours	Pharmacological Calculations 60 Hours		Introduction to Medical Transcription 48 Hours
	Ophthalmic Practice: Introduction to the Back Office 45 Hours		Respiratory Therapy Core 210 Hours	Core Medical Mathematics 30 Hours	Pharmacy Law and Ethics 15 Hours	Health Careers Core Curriculum (Technology Center) 225 Hours	Pharmacology for PhT 75 Hours		Introduction to Medical Insurance 45 Hours
	Ophthalmic Practice Front Office 45 Hours		Core Healthcare Provider CPR 6 Hours	Anatomy and Physiology 120 Hours	Orientation to the Pharmacy Technician Career 15 Hours		Sterile Products 45 Hours		Medical Informatics 45 Hours
	Ocular Disease and Ocular Pharmacology 45 Hours			Core Medical Terminology 45 Hours	Core Healthcare Provider CPR and First Aid 15 Hours		Pharmaceutical Compounding 45 Hours		Introduction to Medical Office 30 Hours
	Ocular Anatomy and Physiology 45 Hours				Anatomy and Physiology 120 Hours		Pharmacy Law and Ethics 15 Hours		Core Medical Terminology 45 Hours
	Introduction to Vision Care 30 Hours				Core Medical Terminology 45 Hours		Orientation to the Pharmacy Technician Career 15 Hours		MS Word and Computer Literacy 30 Hours
	Core Healthcare Provider CPR and First Aid 15 Hours						Core Healthcare Provider CPR and First Aid 15 Hours		Introduction to Microsoft Programs 138 Hours
	Anatomy and Physiology 120 Hours						Anatomy and Physiology 120 Hours		Computer Keyboarding 45 Hours

Pathways	Therapeutic Services								
Career Majors	Vision Care Technician 1445 Hours	CNA/AUA 480 Hours	Advanced Respiratory Therapist 1446 Hours	LTCNA Specialist 791 Hours	Pharmacy Technician 495 Hours	Multi-Skilled Assistant 1035 Hours	Advanced Pharmacy Technician 600 Hours	Pharmacy Aide 335 Hours	Medical Office Specialist 635 Hours
	Core Medical Terminology 45 Hours						Core Medical Terminology 45 Hours		
	Health Careers Core Curriculum (Technology Center) 225 Hours								

October 1, 2008

**Health Science**

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Pathways	Support Services	
<b>Career Majors</b>	<b>Central Sterile Processing Technician</b>	<b>Surgical Nurse Assistant</b>
	<b>480 Hours</b>	<b>405 Hours</b>
<b>Recommended Course Sequence</b>	Surgical Case Management 120 Hours	Surgical Tech Practicum I 60 Hours
	Surgical Tech Practicum I 60 Hours	Surgical Patient Care 45 Hours
	Essentials of Surgical Asepsis 60 Hours	Essentials of Surgical Asepsis 60 Hours
	Introduction to Surgical Technology 30 Hours	Introduction to Surgical Technology 30 Hours
	Core Employability Skills 30 Hours	Core Employability Skills 30 Hours
	Surgical Technology Orientation 15 Hours	Surgical Technology Orientation 15 Hours
	Core Medical Terminology 45 Hours	Core Medical Terminology 45 Hours
	Anatomy and Physiology 120 Hours	Anatomy and Physiology 120 Hours

<http://www.okcareertech.org/>

Oklahoma Department of Career and Technology Education  
1500 W 7th Ave  
Stillwater OK 74074