

**HEALTH SCIENCE ENDORSEMENT PATHWAY
WITH MCLENNAN COMMUNITY COLLEGE
School Year 2016-2017**



HIGH SCHOOL FOUR-YEAR PLAN					CERTIFICATE OF COMPLETION HEALTH INFORMATION TECHNOLOGY CODING SPECIALIST		
SUBJECT	Freshman	Sophomore	Junior	Senior	Semester 1	Semester 2	Semester 3
ENGLISH	English I	English II	English III	<i>4th English or Business English</i>	Anatomy & Physiology (specialized) BIOL 2404	Health Data Content & Structure HITT 1301	Health Care Delivery Systems HITT 1345
MATH	Algebra I	Geometry	Algebra II	<i>4th Math</i>	Medical Terminology HITT 1205	Coding & Classification Systems HITT 1441	Coding & Reimbursement Methodologies HITT 2335
SCIENCE	Biology	Chemistry or IPC	Physics or Principles of Technology	<i>4th Science</i>		Pathophysiology HPRS 2301	Health Info. Practicum HITT 1167
SOCIAL STUDIES	World History	World Geography	U.S. History	Government/Economics		Integrated Software Apps ITSC 1309	Insurance Coding HITT 1213
FINE ARTS	Fine Arts					Health Info. Systems HITT 1311	Pharmacology HITT 1249
ELECTIVES		<i>1 Elective ½ Elective</i>	<i>1 Elective</i>	<i>1 Elective</i>			
HEALTH/PE	PE	½ Health					
SECOND LANGUAGE	Foreign Language	Foreign Language					
CREDIT BY ARTICULATION @ THE HIGH SCHOOL	☒ BIM I or Principles of Information Technology	◆ Medical Terminology			☒ ITSC 1301 Intro to Computers subs for ITSC 1309 Integrated Software		
DUAL CREDIT WITH MCC			HPRS 2300 Pharmacology HPRS 2301 Pathophysiology	BIOL 2404 Anatomy & Physiology	HPRS 2300 Pharmacology subs for HITT 1249 Pharmacology		
TOTAL CREDITS	8	8	7	6	Sem. Hrs. = 6	Sem. Hrs. = 16	Sem. Hrs. = 11

*State Wide Articulation

**Dual Credit

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HIGH SCHOOL FOUR-YEAR PLAN					CERTIFICATE OF COMPLETION HEALTH INFORMATICS	
SUBJECT	Freshman	Sophomore	Junior	Senior	Semester 1	Semester 2
ENGLISH	English I	English II	English III	<i>4th English or Business English</i>	Intro to Computing COSC 1301	Health Info. Systems HITT 1311
MATH	Algebra I	Geometry	Algebra II	<i>4th Math</i>	CISCO Discovery 1 ITCC 1310 or Networking Elective: Implementing & Supporting Servers ITNW 1354	Quality Assessment & Performance Improvement HITT 2343
SCIENCE	Biology	Chemistry or IPC	Physics or Principles of Technology	<i>4th Science</i>	Medical Terminology HITT 1205	Intro to Database ITSW 1307
SOCIAL STUDIES	World History	World Geography	U.S. History	Government/ Economics	Health Data Content & Structure HITT 1301	Information Technology Security ITSY 1342
FINE ARTS	Fine Arts				Health Care Statistics HITT 1265	Intro to PC Operating Systems ITSC 1305
ELECTIVES		<i>1 Elective ½ Elective</i>	<i>1 Elective</i>	<i>1 Elective</i>	Legal & Ethical Aspects of Health Information HITT 1353	
HEALTH/PE	PE	½ Health				
SECOND LANGUAGE	Foreign Language	Foreign Language				
CREDIT BY ARTICULATION @ THE HIGH SCHOOL	☒ BIM I or Principles of Information Technology	◆ Medical Terminology			☒ ITSC 1301 Intro to Computers subs for COSC 1301 Intro to Computing	
DUAL CREDIT WITH MCC			ITSC 1302 Intro to PC Operating Systems ITSW 1307 Intro to Database	ITSY 1342 Information Technology Security ITCC 1310 CISCO Discovery 1	HPRS 2300 Pharmacology subs for HITT 1249 Pharmacology *CISCO Discovery 1 – Online Academy	
TOTAL CREDITS	8	8	7	7	Sem. Hrs. = 16	Sem. Hrs. = 15

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HIGH SCHOOL FOUR-YEAR PLAN					CERTIFICATE OF COMPLETION VOCATIONAL NURSING				
SUBJECT	Freshman	Sophomore	Junior	Senior	Prerequisites	Semester 1	Semester 2	Semester 3	Semester 4
ENGLISH	English I	English II	English III	<i>4th English or Business English</i>	Anatomy & Physiology (specialized) BIOL 2404 Or Anatomy & Physiology I BIOL 2401 and Anatomy & Physiology II BIOL 2402	Essentials of Medication Administration VNSG 1327	Nursing in Health & Illness II VNSG 1509	Clinical – Practical Nurse VNSG 1262	Clinical – Practical Nurse VNSG 1262
MATH	Algebra I	Geometry	Algebra II	<i>4th Math</i>	Intro to Speech Communications SPCH 1311 or Public Speaking SPCH 1315 or Interpersonal Communications SPCH 1318 or Bus & Prof Com SPCH 1321 or Discussion & Small Group Communications SPCH 2333	Basic Nursing Skills VNSG 1423	Clinical – Practical Nurse VNSG 1260	Clinical – Practical Nurse VNSG 1263	Pediatrics VNSG 1334
SCIENCE	Biology	Chemistry or IPC	Physics or Principles of Technology	<i>4th Science</i>	Medical Terminology HPRS 1206 or Intro to Health Professions HPRS 1101 and Essentials of Medical Terminology HPRS 1106	Vocational Nursing Concepts VNSG 1122	Nursing IN Health & Illness III VNSG 1510	Maternal-Neonatal Nursing VNSG 1330	Clinical – Practical Nurse VNSG 1263
SOCIAL STUDIES	World History	World Geography	U.S. History	Government/ Economics	General Psychology PSYC 2301	Clinical-Practical Nurse VNSG 1360	Leadership & Professional Development VNSG 1119	Pediatrics VNSG 1335	Maternal-Neonatal Nursing VNSG 1330
FINE ARTS	Fine Arts						Clinical – Practical Nurse VNSG 1261		
ELECTIVES		<i>1 Elective ½ Elective</i>	<i>1 Elective</i>	<i>1 Elective</i>					
HEALTH/PE	PE	½ Health							
SECOND LANGUAGE	Foreign Language	Foreign Language							
CREDIT BY ARTICULATION @ THE HIGH SCHOOL	◆Medical Terminology								
DUAL CREDIT WITH MCC		SPCH 1311 Intro to Speech Communications	BIOL 2404 Anatomy & Physiology	PSYC 2301 General Psychology					
TOTAL CREDITS	8	8	7	7	Sem. Hrs.=12	Sem Hrs =11	Sem Hrs =15	Sem.Hrs=10	Sem.Hrs. =10

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HIGH SCHOOL FOUR-YEAR PLAN					CERTIFICATE OF COMPLETION SURGICAL TECHNOLOGY			
SUBJECT	Freshman	Sophomore	Junior	Senior	Prereq's	Semester 1	Semester 2	Semester 3
ENGLISH	English I	English II	English III	<i>4th English or Business English</i>	Anatomy & Physiology (specialized) BIOL 2404	Anatomy & Physiology II BIOL 2402	Surgical Procedures II SRGT 1542	Clinical – Advanced SRGT 2660
MATH	Algebra I	Geometry	Algebra II	<i>4th Math</i>	Medical Terminology HPRS 1206 or Intro to Health Professions HPRS 1101 and Essentials of Medical Terminology HPRS 1106	Intro to Surgical Technologist SRGT 1405	Clinical – Surgical Technology/ Technologist SRGT 1660	
SCIENCE	Biology	Chemistry or IPC	Physics or Principles of Technology	<i>4th Science</i>	Anatomy & Physiology I BIOL 2401	Fundamentals of Preoperative Concepts & Techniques SRGT 1409	Surgical Procedures I SRGT 1441	
SOCIAL STUDIES	World History	World Geography	U.S. History	Government/ Economics	Pathophysiology HPRS 2301	Clinical – Introductory SRGT 1260		
FINE ARTS	Fine Arts					Professional Readiness SRGT 2130		
ELECTIVES		<i>1 Elective ½ Elective</i>	<i>1 Elective</i>	<i>1 Elective</i>				
HEALTH/PE	PE	½ Health						
SECOND LANGUAGE	Foreign Language	Foreign Language						
CREDIT BY ARTICULATION @ THE HIGH SCHOOL	◆Medical Terminology							
DUAL CREDIT WITH MCC		HPRS 2301 Pathophysiology	BIOL 2404 Anatomy & Physiology	BIOL 2401 Anatomy & Physiology I BIOL 2402 Anatomy & Physiology II				
TOTAL CREDITS	8	8	6	7	PreReqHrs.=13	Sem. Hrs.=18	Sem Hrs =12	Sem Hrs =6

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