



HEALTH AND MEDICAL SCIENCES PROGRAMS - CATALOG YEAR 2014 - 2015

Find the Right Educational Degree Plan

There are two distinctly different ways to pursue your education at HCC. Each pattern has its own particular purpose, and its own advantages and disadvantages. Read the descriptions carefully to make an informed choice. You must choose one of the two following patterns: The *Academic Transfer* pattern of education **OR** The *Workforce Career* pattern of education. For more information, visit our [College and Career Planner Guide](#).

ACADEMIC TRANSFER PLANS

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Biology - Associate in Science (<i>Health Science Professions</i>)	5-7

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DIAGNOSTIC MEDICAL SONOGRAPHY

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Medical Laboratory Technician - AAS	32-33
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Find the Right Educational Degree Plan

There are two distinctly different ways to pursue your education at HCC. Each pattern has its own particular purpose, and its own advantages and disadvantages. Read the descriptions carefully to make an informed choice. You must choose one of the two following patterns: The *Academic Transfer* pattern of education **OR** The *Workforce Career* pattern of education. For more information, visit our [College and Career Planner Guide](#).

SURGICAL TECHNOLOGY

Surgical Technology - Certificate: Level I	50
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**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___ VA

NAME:	SID#:	TEL#:	EMAIL:	DATE:
COLLEGE:	COU/ADV:	TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

BIOLOGY - ASSOCIATE IN SCIENCE: BIOLOGY MAJORS & PRE MEDICAL PROGRAMS

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.		Biology majors and Pre-Professional programs such as Pre-Medical, Pre-Dental, Pre-Optometry, Physician's Assistant, Pre-Veterinary.							
SUGGESTED 2 YEAR PLAN									
FIRST YEAR									
FIRST SEMESTER - FALL									
EDUC 1300 Learning Framework	3								
ENGL 1301 Composition I	3								
BIOL 1406 General Biology I	3								
MATH 2412 Precalculus	4								
CHEM 1411 General Chemistry I	4								
SEMESTER TOTAL	17								
SECOND SEMESTER - SPRING									
ENGL 1302 Composition II	3								
BIOL 1407 General Biology II	3								
MATH 2413 Calculus I	4								
CHEM 1412 General Chemistry II	4								
SEMESTER TOTAL	14								
SECOND YEAR									
FIRST SEMESTER - FALL									
HIST 1301 United States History to 1877*	3								
GOVT 2305 Federal Government (Federal Constitution & Topics) <i>OR</i>									
GOVT 2306 Texas Government (Texas Constitution & Topics)	3								
CHEM 2423 Organic Chemistry I	4								
PHYS 1401 College Physics I	4								
SEMESTER TOTAL	14								

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BIOLOGY - ASSOCIATE IN SCIENCE: BIOLOGY MAJORS & PRE MEDICAL PROGRAMS

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
(Continued from page 1)									
SECOND YEAR									
SECOND SEMESTER - SPRING									
BIOL #4## Biology Elective *	4								
HIST 1302 United States History after 1877*	3								
CHEM 2425 Organic Chemistry II	4								
PHYS 1402 College Physics II	4								
SEMESTER TOTAL	15								
PROGRAM TOTAL	60								
* Biology option: Choose from BIOL 2406, 2416, or 2420.									

ADDITIONAL COMMENTS & NOTES:

AS BIOLOGY (MODIFIED CORE CURRICULUM)

Student Success course	EDUC 1300	3	
Written Communication	ENGL 1301-1302	6	
Mathematics	MATH 2412	4	
Life and Physical Science	BIOL 1406-1407	6	**Including labs
Language, Philosophy & Culture			*missing
American History		6	
Government	GOVT 2305 or 2306	3	*missing
Creative Arts			*missing
Social/Behavioral			*missing

MAJOR PREREQUISITES

MATH 2413	4
BIOL 2406, 2416, or 2420	4
CHEM 1411	4
CHEM 1412	4
CHEM 2423	4
CHEM 2425	4
PHYS 1401	4
PHYS 1402	4
*Missing 18 hours of Core Curriculum	60
**Includes labs that are required for University transfer	

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BIOLOGY - ASSOCIATE IN SCIENCE: HEALTH SCIENCE PROFESSIONS

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
CONCENTRATIONS:									
A. PRE-NURSING									
B. PRE-RADIOLOGIC SCIENCES									
C. PRE-CLINICAL LABORATORY SERVICES									
SUGGESTED 2 YEAR PLAN									
FIRST YEAR									
FIRST SEMESTER - FALL									
EDUC 1300 Learning Framework	3								
ENGL 1301 Composition I	3								
BIOL 1406 General Biology I	4								
CHEM 1411 General Chemistry I	4								
SEMESTER TOTAL	14								
SECOND SEMESTER - SPRING									
ENGL 1302 Composition II <i>OR</i>									
ENGL 2311 Technical and Industrial Correspondence and Report Writing	3								
D. XXXX #3## Language, Philosophy and Culture Elective*	4								
PSYC 2301 Introduction to Psychology	3								
A. BIOL 2401 Anatomy and Physiology I	4								
B. BIOL 2401 Anatomy and Physiology I									
C. CHEM 1412 General Chemistry II									
A. MATH 1342 Statistics <i>OR</i>	3								
PYSC 2317 Statistical Methods in Psychology									
B. MATH 2412 Precalculus <i>OR</i>									
MATH 2413 Calculus I									
C. MATH 1314 College Algebra									
SEMESTER TOTAL	17								

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BIOLOGY - ASSOCIATE IN SCIENCE: HEALTH SCIENCE PROFESSIONS

	HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
						Comment/Disapproval				
	CONCENTRATIONS:									
A.	PRE-NURSING									
B.	PRE-RADIOLOGIC SCIENCES									
C.	PRE-CLINICAL LABORATORY SERVICES									
	SECOND YEAR									
	FIRST SEMESTER - FALL									
E.	XXX #3## American History Elective I **	3								
	GOVT 2305 Federal Government (Federal Constitution & Topics)	3								
A.	BIOL 2402 Anatomy and Physiology II	4								
B.	BIOL 2402 Anatomy and Physiology II									
C.	BIOL 1407 General Biology II <u>OR</u> BIOL 2416 Genetics									
A.	BIOL 1322 Basic Nutrition	3								
B.	PHYS 1401 College Physics I									
C.	CHEM 2423 Organic Chemistry I									
	PSYC 2314 Human Growth and Development : Lifespan	3								
	SEMESTER TOTAL	16								
	SECOND SEMESTER - SPRING									
A.	BIOL 2420 Microbiology									
B.	PHYS 1402 College Physics II									
C.	CHEM 2425 Organic Chemistry II	4								
	GOVT 2306 Texas Government (Texas Constitution & Topics)	3								
F.	XXXX #3## Creative Arts Elective***	3								
E.	XXX #3## American History Elective II **	3								
	SEMESTER TOTAL	13								
	PROGRAM TOTAL	60								

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BIOLOGY - ASSOCIATE IN SCIENCE: HEALTH SCIENCE PROFESSIONS

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				

ADDITIONAL COMMENTS:

NOTES:

- A.** Courses for the **PRE-NURSING** concentration are color coded in **GREEN**.
- B.** Courses for the **PRE-RADIOLOGIC SCIENCES** concentration are color coded in **YELLOW**.
- C.** Courses for the **PRE-CLINICAL LABORATORY SERVICES** concentration are color coded in **BLUE**.
- D.** Language, Philosophy and Culture Elective (*choose one*) 3 hrs *
 ENGL 2307, 2308, 2322, 2323, 2327, 2328, 2332, 2333, 2334, 2335, 2336, 2341, 2342, 2343, 2351, 2353, 2374, **PHIL** 1301, 1304, 2307, 2316, 2317, 2321; **HUMA** 1301, 1305, 2319, 2323
- E.** American History Elective (*choose two*) 6 hrs **
 HIST 1301, 1302, 2301, 2328, 2381
- F.** Creative Arts Elective (*choose one*) 3 hrs ***
 ARTS 1301, 1303, 1304, 1311, 1312, 1316, 1317, 2316, 2317, 2323, 2324, 2326, 2327, 2333, 2334, 2341, 2342, 2346, 2347, 2348, 2349, 2356, 2357, 2366, 2367

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ALLIED HEALTH - AAS - DENTAL ASSISTING TRACK

HCCS Course Requirement	cr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
FIRST YEAR									
PREREQUISITE SEMESTER									
HPRS 1201 Introduction to Health Professions	2								
SEMESTER TOTAL	2								
FIRST SEMESTER									
DNTA 1245 Preventive Dentistry	2								
DNTA 1411 Dental Science	4								
DNTA 1401 Dental Materials	4								
DNTA 1415 Chairside Assisting	4								
DNTA 1205 Dental Radiology	2								
SEMESTER TOTAL	16								
SECOND SEMESTER									
DNTA 1447 Advanced Dental Science	4								
DNTA 1351 Dental Office Management	3								
DNTA 1453 Dental Assisting Applications	4								
DNTA 1349 Dental Radiology in the Clinic	3								
DNTA 1167 Practicum (or Field Experience) - Dental Assisting/Assistant	1								
SEMESTER TOTAL	15								
THIRD SEMESTER									
DNTA 2130 Seminar for the Dental Assistant	1								
DNTA 1102 Communication and Behavior in the Dental Office	1								
DNTA 2267 Practicum (or Field Experience) - Dental Assisting/Assistant	2								
SEMESTER TOTAL	4								

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COLLEGE:	COU/ADV:	TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

ALLIED HEALTH - AAS - MEDICAL ASSISTANT TRACK									
HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
	hr	Institution	Course	Transfer (TR)	Comment/Disapproval			Signature	
FIRST YEAR									
SECOND SUMMER SESSION									
HPRS 1201 Introduction to Health Professions	2								
SEMESTER TOTAL	2								
FIRST SEMESTER									
MDCA 1409 Anatomy and Physiology for Medical Assistants	4								
ENGL 1301 Composition I	3								
MDCA 1213 Medical Terminology	2								
MDCA 1352 Medical Assistant Laboratory Procedures	3								
MDCA 1417 Procedures in a Clinical Setting	4								
SEMESTER TOTAL	16								
SECOND SEMESTER									
MDCA 1305 Medical Law and Ethics	3								
ECRD 1211 Electrocardiography	2								
MDCA 1321 Administrative Procedures	3								
MDCA 1448 Pharmacology & Administration of Medications	4								
MDCA 1310 Medical Assistant Interpersonal and Communication Skills	3								
SEMESTER TOTAL	15								
THIRD SEMESTER									
MDCA 1254 Medical Assisting Credentialing Exam Review	2								
MDCA 1343 Medical Insurance	3								
MDCA 1371 Ambulatory Care and Emergency Procedures	3								
MDCA 1264 Practicum (or Field Experience) - Medical/Clinical Assistant	2								
SEMESTER TOTAL	10								

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COLLEGE:		COU/ADV:			TEL#:		EMAIL:		CAT YR: 8/15/14-8/14/15	
ALLIED HEALTH - AAS - PHARMACY TECHNICIAN TRACK										
HCCS Course Requirement		cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
						Comment/Disapproval				
FIRST YEAR										
PREREQUISITE SEMESTER										
HPRS 1201 Introduction to Health Professions		2								
PHRA 1102 Pharmacy Law		1								
SEMESTER TOTAL		3								
FIRST SEMESTER										
PHRA 1205 Drug Classification		2								
PHRA 1309 Pharmaceutical Mathematics I		3								
PHRA 1313 Community Pharmacy Practice		3								
PHRA 1304 Pharmacotherapy and Disease Process		3								
PHRA 1261 Clinical - Pharmacy Technician/Assistant		2								
SEMESTER TOTAL		13								
SECOND SEMESTER										
PHRA 1449 Institutional Pharmacy Practice		4								
PHRA 1445 Compounding Sterile Preparations and Aseptic Technique		4								
PHRA 1247 Pharmaceutical Mathematics II		2								
PHRA 2260 Clinical - Pharmacy Technician Assistant		2								
PHRA 2261 Clinical - Pharmacy Technician Assistant		2								
SEMESTER TOTAL		14								
SECOND YEAR										
FIRST SEMESTER										
ENGL 1301 Composition I		3								
XXXX #4## Math/Natural Science/General Education Elective		4								
XXXX #3## Humanities/Fine Arts/ General Education Elective		3								
XXXX #3## Social/Behavioral Science/Gen. Educ. Elective		3								
ENGL 1302 Composition II		3								
SEMESTER TOTAL		16								

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ALLIED HEALTH - AAS - VOCATIONAL NURSING TRACK									
HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
THIRD SEMESTER									
VNSG 1219 Leadership and Professional Development	2								
VNSG 1163 Clinical - Licensed Practical/ Vocational Nurse Training	1								
VNSG 1334 Pediatrics	3								
VNSG 1410 Nursing in Health and Illness III	4								
VNSG 1267 Practicum (or Field Experience) - Licensed Practical/Vocational Nurse Training	2								
SEMESTER TOTAL	12								
SECOND YEAR									
FIRST SEMESTER									
ENGL 1301 Composition I	3								
ENGL 1302 Composition II	3								
XXXX #4## Math/Natural Science/ General Education Elective	4								
XXXX #3## Humanities/Fine Arts/General Education Elective	3								
XXXX #3## Social/Behavioral Science/General Education Elective	3								
SEMESTER TOTAL	16								
PROGRAM TOTAL	60								

**HOUSTON COMMUNITY COLLEGE SYSTEM
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NAME:	SID#:	TEL#:	EMAIL:	DATE:
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DENTAL HYGIENE - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
PREREQUISITE									
HPRS 1201 Introduction to Health Professions*	2								
ENGL 1301 Composition I	3								
SOCI 1301 Introduction to Sociology	3								
PSYC 2301 Introduction to Psychology	3								
SPCH 1318 Interpersonal Communications	3								
CHEM 1305 Introductory Chemistry I	3								
BIOL 2401 Anatomy and Physiology I	4								
BIOL 2402 Anatomy and Physiology II	4								
BIOL 2420 Microbiology	4								
XXXX #3## Approved Humanities/Fine Arts General Education Elective	3								
SEMESTER TOTAL	32								
FIRST YEAR									
FIRST SEMESTER									
DHYG 1227 Preventive Dental Hygiene Care	2								
DHYG 1301 Orofacial Anatomy, Histology & Embryology	3								
DHYG 1304 Dental Radiology	3								
DHYG 1331 Preclinical Dental Hygiene	3								
SEMESTER TOTAL	11								
SECOND SEMESTER									
DHYG 1207 General and Dental Nutrition	2								
DHYG 1260 Clinical-Dental Hygiene/Hygienist	2								
DHYG 1211 Periodontology	2								
DHYG 2201 Contemporary Dental Hygiene Care I	2								
SEMESTER TOTAL	8								

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DENTAL HYGIENE - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
THIRD SEMESTER									
DHYG 1261 Clinical - Dental Hygiene/ Hygienist	2								
DHYG 1319 Dental Materials	3								
SEMESTER TOTAL	5								
SECOND YEAR									
FIRST SEMESTER									
DHYG 1235 Pharmacology for the Dental Hygienist	2								
DHYG 1339 General and Oral Pathology	3								
DHYG 1215 Community Dentistry	2								
DHYG 2360 Clinical - Dental Hygiene/ Hygienist	3								
SEMESTER TOTAL	10								
SECOND SEMESTER									
DHYG 2153 Dental Hygiene Practice	1								
DHYG 2231 Contemporary Dental Hygiene Care II	2								
DHYG 2361 Clinical - Dental Hygiene/ Hygienist	3								
SEMESTER TOTAL	6								
PROGRAM TOTAL	72								

Updated:
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HOUSTON COMMUNITY COLLEGE SYSTEM EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

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DENTAL ASSISTING - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
PREREQUISITE									
HPRS 1201 Introduction to Health Professions	2								
SEMESTER TOTAL	2								
FIRST SEMESTER									
DNTA 1245 Preventive Dentistry	2								
DNTA 1411 Dental Science	4								
DNTA 1401 Dental Materials	4								
DNTA 1415 Chairside Assisting	4								
DNTA 1305 Dental Radiology	3								
SEMESTER TOTAL	17								
SECOND SEMESTER									
DNTA 1447 Advanced Dental Science	4								
DNTA 1351 Dental Office Management	3								
DNTA 1453 Dental Assisting Applications	4								
DNTA 1349 Dental Radiology in the Clinic	3								
DNTA 1167 Practicum - Dental Assistant	1								
SEMESTER TOTAL	15								
THIRD SEMESTER									
DNTA 2130 Seminar for the Dental Assistant	1								
DNTA 1102 Communication and Behavior in the Dental Office	1								
DNTA 2267 Practicum - Dental Assistant	2								
SEMESTER TOTAL	4								
PROGRAM TOTAL	38								

**HOUSTON COMMUNITY COLLEGE SYSTEM
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DIAGNOSTIC MEDICAL SONOGRAPHY - ADVANCED TECHNICAL CERTIFICATE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST YEAR									
FIRST SEMESTER									
DMSO 1210 Introduction to Sonography	2								
DMSO 1441 Introduction to Abdominopelvic Sonography	4								
DMSO 1302 Basic Ultrasound Physics	3								
DMSO 1355 Sonographic Pathophysiology	3								
DMSO 1451 Sonographic Sectional Anatomy	4								
SEMESTER TOTAL	16								
SECOND SEMESTER									
DMSO 2441 Sonography of Abdominopelvic Pathology	4								
DMSO 2405 Sonography of Obstetrics/Gynecology	4								
DMSO 1342 Intermediate Ultrasound Physics	3								
DMSO 1266 Sonographic Practicum I	2								
SEMESTER TOTAL	13								
THIRD SEMESTER									
DMSO 2351 Doppler Physics	3								
DMSO 2342 Sonography of High Risk Obstetrics	3								
DMSO 2253 Sonography of Superficial Structures	2								
DMSO 2266 Practicum (or Field Experience) - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	2								
SEMESTER TOTAL	10								
SECOND YEAR									
FIRST SEMESTER									
DMSO 2243 Advanced Ultrasound Principles and Instrumentation	2								
DMSO 2230 Advanced Ultrasound and Review	2								
DMSO 2467 Practicum (or Field Experience) - Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	4								
SEMESTER TOTAL	4								
PROGRAM TOTAL	47								

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EMERGENCY MEDICAL SERVICES - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
FIRST YEAR									
FIRST SEMESTER									
EMSP 1501 Emergency Medical Technician-Basic	5								
EMSP 1160 Clinical-Emergency Medical Technology/Tech	1								
EMSP 2238 EMS Operations.	2								
EMSP 1338 Introduction to Advanced Practice	3								
EMSP 1356 Patient Assessment and Airway Management	3								
EMSP 1355 Trauma Management	3								
SEMESTER TOTAL	17								
SECOND SEMESTER									
EMSP 1263 Clinical-Emergency Medical Technology/Tech	2								
EMSP 2348 Emergency Pharmacology	3								
EMSP 2444 Cardiology	4								
EMSP 2160 Clinical-Emergency Medical EMT Paramedic	1								
BIOL 2401 Anatomy and Physiology I*/**	4								
XXXX #3## General Education Elective	3								
SEMESTER TOTAL	17								
SECOND YEAR									
FIRST SEMESTER									
EMSP 2434 Medical Emergencies	4								
EMSP 2261 Clinical-Emergency Medical EMT Paramedic	2								
EMSP 2330 Special Populations	3								
BIOL 2402 Anatomy and Physiology II*	4								
XXXX #3## Social Science General Ed.Elect.*	3								
SEMESTER TOTAL	16								
SECOND SEMESTER									
EMSP 2262 Clinical-Emergency Medical EMT Paramedic	2								
EMSP 2243 Assessment Based Management	2								
EMSP 1191 Special Topics in EMS	1								
XXXX #3## Humanities/General Education Elective*	3								
EMSP 2352 EMS Research	2								
SEMESTER TOTAL	10								
PROGRAM TOTAL	60								

*Maybe taken prior to admission

**BIOL 1406 is strongly recommended prior to BIOL 2401

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EMERGENCY MEDICAL SERVICES - EMERGENCY MEDICAL SERVICES-PARAMEDIC - CERTIFICATE: LEVEL II

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST YEAR									
FIRST SEMESTER									
EMSP 1501 Emergency Medical Technician-Basic	5								
EMSP 1160 Clinical-Emergency Medical Technology/Tech.	1								
EMSP 2238 EMS Operations	2								
EMSP 1338 Introduction to Advanced Practice	3								
EMSP 1356 Patient Assessment and Airway Management	3								
EMSP 1355 Trauma Management	3								
SEMESTER TOTAL	17								
SECOND SEMESTER									
EMSP 1263 Clinical-Emergency Medical Technology/Tech	2								
EMSP 2348 Emergency Pharmacology	3								
EMSP 2444 Cardiology	4								
EMSP 2160 Clinical-Emergency Medical EMT Paramedic	1								
SEMESTER TOTAL	10								
SECOND YEAR									
FIRST SEMESTER									
EMSP 2434 Medical Emergencies	4								
EMSP 2261 Clinical-Emergency Medical EMT Paramedic	2								
EMSP 2330 Special Populations	3								
SEMESTER TOTAL	9								
SECOND SEMESTER									
EMSP 2262 Clinical-Emergency Medical EMT Paramedic	2								
EMSP 2243 Assessment Based Management	2								
SEMESTER TOTAL	4								
PROGRAM TOTAL	40								

Updated:8/11/2014

HOUSTON COMMUNITY COLLEGE SYSTEM EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

___ FA ___ VA

NAME:		SID#:	TEL#:	EMAIL:	DATE:
COLLEGE:	COU/ADV:		TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

EMERGENCY MEDICAL SERVICES - ADVANCED EMERGENCY MEDICAL TECHNICIAN - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST YEAR									
FIRST SEMESTER									
EMSP 1501 Emergency Medical Technician-Basic	5								
EMSP 1160 Clinical-Emergency Medical Technology/Tech.	1								
SEMESTER TOTAL	6								
SECOND SEMESTER									
EMSP 2238 EMS Operations	2								
EMSP 1338 Introduction to Advanced Practice	3								
EMSP 1356 Patient Assessment and Airway Management	3								
EMSP 1355 Trauma Management	3								
EMSP 1263 Clinical-Emergency Medical Technology/Tech.	2								
SEMESTER TOTAL	13								
PROGRAM TOTAL	19								

NAME:	SID#:	TEL#:	EMAIL:	DATE:
COLLEGE:	COU/ADV:	TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

HEALTH INFORMATION TECHNOLOGY - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
	hr	Institution	Course	Transfer (TR)	Comment/Disapproval			Signature	
TSI testing is required prior to first enrollment.									
PREREQUISITES									
BIOL 2401 Anatomy and Physiology I **/**	4								
ENGL 1301 English Composition I*	3								
SEMESTER TOTAL	7								
FIRST YEAR									
FIRST SEMESTER									
HITT 1166 Health Information Practicum I	1								
BIOL 2402 Anatomy and Physiology II*	4								
HITT 1301 Health Data Content and Structure	3								
XXXX #3## Humanities/Fine Arts General Ed. Elective*	3								
POFI 1301 Computer Applications I	3								
SEMESTER TOTAL	14								
SECOND SEMESTER									
POFI 1341 Computer Applications II	3								
HITT 1305 Medical Terminology	3								
HITT 1445 Health Care Delivery Systems	4								
HITT 1167 Health Information Practicum II	1								
HITT 1355 Health Care Statistics	3								
SEMESTER TOTAL	14								
THIRD SEMESTER									
HPRS 2301 Pathophysiology	3								
HITT 1349 Pharmacology	3								
SEMESTER TOTAL	6								
(Continued on page 2)									

* May be taken prior to admission.
 ** BIOL 1406 is strongly recommended prior to BIOL 2401.

NAME:	SID#:	TEL#:	EMAIL:	DATE:
COLLEGE:	COU/ADV:	TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

HEALTH INFORMATION TECHNOLOGY - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
SECOND YEAR									
FIRST SEMESTER									
HITT 1341 Coding and Classification Systems	3								
HITT 1353 Legal and Ethical Aspects of Health Information	3								
HITT 2339 Health Information Organization and Supervision	3								
XXXX #3## Social/Behavioral Science General Education Elective*	3								
\ SEMESTER TOTAL	12								
SECOND SEMESTER									
HITT 2435 Coding and Reimbursement Methodologies	4								
HITT 1311 Computers in Health Care	3								
HITT 2443 Quality Assessment and Performance Improvement	4								
HITT 2167 Health Information Practicum III	1								
HITT 2340 Advanced Medical Billing and Reimbursement	3								
SEMESTER TOTAL	15								
THIRD SEMESTER									
HITT 2249 RHIT Competency Review	2								
HITT 2267 Health Information/Medical Records Technology/Technician Practicum IV	2								
SEMESTER TOTAL	4								
PROGRAM TOTAL	72								

* May be taken prior to admission.
 ** BIOL 1406 is strongly recommended prior to BIOL 2401.

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**HOUSTON COMMUNITY COLLEGE SYSTEM
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HEALTH INFORMATION TECHNOLOGY - HEALTH INFORMATION CODING - CERTIFICATE: LEVEL II

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
	hr	Institution	Course	Transfer (TR)				Signature	
TSI testing is required prior to first enrollment.									
PREREQUISITES									
This block of courses may be completed prior to admission to the program									
BIOL 2401 Anatomy and Physiology I *	4								
BIOL 2402 Anatomy and Physiology II	4								
SEMESTER TOTAL	8								
FIRST YEAR									
FIRST SEMESTER									
HPRS 1201 Introduction to Health Professions	2								
HITT 1301 Health Data Content and Structure	3								
HITT 1349 Pharmacology	3								
HITT 1305 Medical Terminology	3								
SEMESTER TOTAL	11								
SECOND SEMESTER									
HITT 1445 Health Care Delivery Systems	4								
HITT 1341 Coding and Classification Systems	3								
HITT 1353 Legal and Ethical Aspects of Health Information	3								
HPRS 2301 Pathophysiology	3								
SEMESTER TOTAL	13								
THIRD SEMESTER									
HITT 2435 Coding and Reimbursement Methodologies	4								
HITT 1311 Computers in Health Care	3								
POFI 1301 Computer Applications I	3								
HITT 2340 Advanced Medical Billing and Reimbursement	3								
HITT 2167 Health Information Practicum III	1								
SEMESTER TOTAL	14								
PROGRAM TOTAL	46								

* BIOL 1406 is strongly recommended prior to BIOL 2401.

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HEALTH INFORMATION TECHNOLOGY - HEALTH INFORMATION ANALYSIS - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST SEMESTER									
HITT 1166 Health Information Practicum I	1								
HITT 1301 Health Data Content and Structure	3								
XXXX #3## Computer Applications Elective*	3								
SEMESTER TOTAL	7								
SECOND SEMESTER									
HITT 1305 Medical Terminology	3								
HITT 1445 Healthcare Delivery Systems	4								
HITT 1355 Health Care Statistics	3								
HITT 1167 Health Information Practicum II	1								
SEMESTER TOTAL	11								
PROGRAM TOTAL	18								

* The Computer Applications Elective may be chosen from the following courses: ITSC 1309 Integrated Software Applications I, POFI 1301 Computer Applications I, or BCIS 1405 Business Computer Applications.

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NAME:	SID#:	TEL#:	EMAIL:	DATE:
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HISTOLOGIC TECHNICIAN - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
PREREQUISITE	2								
HPRS 1201 Introduction to Health Professions	2								
FIRST YEAR									
FIRST SEMESTER	15								
HLAB 1401 Introduction to Histology	4								
MATH 1314 College Algebra*	3								
BIOL 1406 General Biology I*	4								
HLAB 1405 Functional Histology I	4								
SECOND SEMESTER	16								
CHEM 1411 General Chemistry I */**OR									
CHEM 1413 College Chemistry I	4								
HLAB 1402 Histotechnology I	4								
HLAB 1446 Functional Histology II	4								
BIOL 2401 Anatomy and Physiology I	4								
THIRD SEMESTER	11								
HLAB 1460 Clinical-Histotechnology I	4								
HLAB 1443 Histotechnology II	4								
XXXX #3## Social/Behavioral Science General Ed. Elect.*	3								
SECOND YEAR									
FIRST SEMESTER	12								
HLAB 1461 Clinical-Histotechnology II	4								
HLAB 2434 Histotechnology III	4								
BIOL 2402 Anatomy and Physiology II*	4								
SECOND SEMESTER	13								
HLAB 2341 Registry Review	3								
XXXX #3## Humanities/Fine Arts General Ed. Elective*	3								
ENGL 1301 Composition I*	3								
HLAB 1462 Clinical - Histotechnology III	4								
PROGRAM TOTAL	69								

*Maybe taken prior to admission.
 **Recommended for transfer.

**HOUSTON COMMUNITY COLLEGE SYSTEM
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NAME:	SID#:	TEL#:	EMAIL:	DATE:
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MEDICAL/CLINICAL ASSISTANT - MEDICAL ASSISTANT - CERTIFICATE: LEVEL II

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
FIRST YEAR									
PREREQUISITE SEMESTER									
HPRS 1201 Introduction to Health Professions	2								
ENGL 1301 Composition I	3								
SEMESTER TOTAL	5								
FIRST SEMESTER									
MDCA 1409 Anatomy and Physiology for Medical Assistants	4								
MDCA 1213 Medical Terminology	2								
MDCA 1343 Medical Insurance	3								
MDCA 1352 Medical Assistant Laboratory Procedures	3								
MDCA 1417 Procedures in a Clinical Setting	4								
SEMESTER TOTAL	16								
SECOND SEMESTER									
MDCA 1321 Administrative Procedures	3								
ECRD 1211 Electrocardiography	2								
MDCA 1448 Pharmacology & Administration of Medications	4								
MDCA 1310 Medical Assistant Interpersonal and Communication Skills	3								
SEMESTER TOTAL	12								
THIRD SEMESTER									
MDCA 1254 Medical Assisting Credential Exam Review	2								
MDCA 1305 Medical Law and Ethics	3								
HPRS 1304 Basic Health Profession Skills	3								
MDCA 1264 Practicum (or Field Experience) - Medical/ Clinical Assistant	2								
SEMESTER TOTAL	10								
PROGRAM TOTAL	43								

Updated:08/04/2014

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HOUSTON COMMUNITY COLLEGE SYSTEM EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

NAME:		SID#:	TEL#:	EMAIL:	DATE:
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MEDICAL/CLINICAL ASSISTANT - MEDICAL SCRIBE - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
FIRST YEAR									
PREREQUISITE SEMESTER									
HPRS 1201 Introduction to Health Professions	2								
MDCA 1213 Medical Terminology	2								
ITSC 1309 Integrated Software Applications I	3								
PREREQUISITE SEMESTER TOTAL	7								
FIRST SEMESTER									
MDCA 1409 Anatomy and Physiology for Medical Assistants	4								
MDCA 1305 Medical Law and Ethics	3								
MDCA 1391 Special Topics in Medical Assistant	3								
MDCA 1343 Medical Insurance	3								
SEMESTER TOTAL	13								
SECOND SEMESTER									
MDCA 1165 Practicum (or Field Experience) - Medical/ Clinical Assistant**	1								
SEMESTER TOTAL	1								
PROGRAM TOTAL	21								
**Capstone									

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NAME:	SID#:	TEL#:	EMAIL:	DATE:
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MEDICAL LABORATORY TECHNICIAN - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
PREREQUISITES	8								
HPRS 1201 Introduction to Health Professions	2								
MATH 1314 College Algebra	3								
ENGL 1301 Composition I	3								
FIRST YEAR									
FIRST SEMESTER	12								
BIOL 2401 Anatomy and Physiology I**	4								
MLAB 1270 Hematology I	2								
MLAB 1201 Introduction to Clinical Laboratory Science	2								
MLAB 1235 Immunology/Serology	2								
MLAB 1211 Urinalysis and Body Fluids	2								
SECOND SEMESTER	14								
BIOL 2402 Anatomy and Physiology II*	4								
MLAB 1271 Hematology II	2								
MLAB 1227 Coagulation	2								
MLAB 2431 Immunohematology	4								
MLAB 2270 Clinical Chemistry I	2								
THIRD SEMESTER	8								
BIOL 2420 Microbiology*	4								
PLAB 1223 Phlebotomy	2								
MLAB 2271 Clinical Chemistry II	2								
SECOND YEAR									
FIRST SEMESTER	10								
CHEM 1405 Introductory Chemistry I <u>OR</u>									
CHEM 1411 General Chemistry I <u>OR</u>									
(Continued on page 2)									

*Maybe taken prior to admission

**BIOL 1406 is strongly recommended prior to BIOL 2401

*** Recommended for transfer

HOUSTON COMMUNITY COLLEGE SYSTEM EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

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NAME:		SID#:	TEL#:	EMAIL:	DATE:
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MEDICAL LABORATORY TECHNICIAN - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
CHEM 1413 College Chemistry I	4								
MLAB 2434 Microbiology (Clinical)	4								
MLAB 1166 Practicum (or Field Experience) - Clinical/ Medical Laboratory Tech.	1								
MLAB 1167 Practicum (or Field Experience) - Clinical/ Medical Laboratory Tech.	1								
SECOND SEMESTER	13								
CHEM 1407 Introductory Chemistry II <u>OR</u>									
CHEM 1412 General Chemistry II <u>OR</u>									
CHEM 1414 College Chemistry II	4								
MLAB 1231 Parasitology/Mycology	2								
MLAB 1266 Practicum (or Field Experience)- Clinical/ Medical Laboratory Tech.	2								
MLAB 1267 Practicum (or Field Experience)- Clinical/ Medical Laboratory Tech.	2								
XXXX #3## Approved Social/Behavioral Science Elective*	3								
THIRD SEMESTER	7								
XXXX #3## Approved Humanities/Fine Arts Elective*	3								
MLAB 2232 Seminar in Medical Laboratory Technology	2								
MLAB 1273 Registry Review	2								
PROGRAM TOTAL	72								
(INCLUDES PREREQUISITES)									

*Maybe taken prior to admission
 **BIOL 1406 is strongly recommended prior to BIOL 2401
 *** Recommended for transfer

**HOUSTON COMMUNITY COLLEGE SYSTEM
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NAME:	SID#:	TEL#:	EMAIL:	DATE:
COLLEGE:	COU/ADV:	TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

NUCLEAR MEDICINE TECHNOLOGY - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
<small>TSI testing is required prior to first enrollment</small>	hr	Institution	Course	Transfer (TR)	Comment/Disapproval			Signature	
PREREQUISITE	2								
HPRS 1201 Introduction to Health Professions	2								
FIRST YEAR									
FIRST SEMESTER	19								
BIOL 2401 Anatomy and Physiology I */**	4								
BIOL 2402 Anatomy and Physiology II */**	4								
CHEM 1405 Introductory Chemistry I *	4								
MATH 1314 College Algebra	3								
SCIT 1420 Physics for Allied Health	4								
SECOND SEMESTER	11								
NMTT 1311 Nuclear Medicine Patient Care	3								
NMTT 1301 Introduction to Nuclear Medicine	3								
NMTT 1266 Practicum I-Nuclear Medicine Technology	2								
XXXX #3## Humanities/Fine Arts General Ed. Elective	3								
THIRD SEMESTER	11								
NMTT 1409 Nuclear Medicine Instrumentation	4								
NMTT 1267 Practicum II-Nuclear Medicine Technology	2								
NMTT 2201 Radiochemistry and Radiopharmacy	2								
RADR 2340 Sectional Anatomy for Medical Imaging	3								
SECOND YEAR									
FIRST SEMESTER	7								
NMTT 2309 Nuclear Medicine Methodology II	3								
NMTT 2167 Practicum III-Nuclear Medicine Technology	1								
NMTT 2333 PET and Fusion Technology	3								
SECOND SEMESTER	12								
NMTT 2413 Nuclear Medicine Methodology III	4								
NMTT 2266 Practicum IV-Nuclear Medicine Technology	2								
ENGL 1301 Composition I	3								
PSYC 2301 Introduction to Psychology	3								
THIRD SEMESTER	8								
NMTT 2335 Nuclear Medicine Technology Seminar	3								
CTMT 2336 Computed Tomography Equip. & Methodology	3								
NMTT 2267 Practicum V-Nuclear Medicine Technology	2								
PROGRAM TOTAL	70								

*May be taken prior to admission. **BIOL 2401 would be taken Summer I
(** BIOL 1406 is strongly recommended prior to BIOL 2401) ***BIOL 2402 would be taken Summer II

NAME:	SID#:	TEL#:	EMAIL:	DATE:
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NURSING - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
TSI testing is required prior to first enrollment.									
PRE-ADMISSION	13								
ENGL 1301 Composition I	3								
BIOL 2401 Anatomy and Physiology I*	4								
RNSG 1301 Pharmacology**	3								
PSYC 2301 Introduction to Psychology	3								
FIRST YEAR									
FIRST SEMESTER	16								
RNSG 1413 Foundations for Nursing Practice	4								
RNSG 1360 Clinical Nursing-RNT-Foundations	3								
RNSG 1115 Health Assessment	1								
BIOL 2402 Anatomy and Physiology II	4								
BIOL 2420 Microbiology	4								
SECOND SEMESTER	11								
RNSG 1441 Common Concepts of Adult Health	4								
RNSG 2360 Clinical Nursing-RNT-Adult I	3								
RNSG 1105 Nursing Skills I	1								
PSYC 2314 Human Growth & Development Life Span	3								
THIRD SEMESTER	10								
RNSG 2213 Mental Health Nursing	2								
RNSG 2263 Clinical Nursing-RNT-Mental Health	2								
ENGL 1302 Composition II	3								
XXXX #3## Humanities/Fine Arts General Ed. Elective	3								
(Continued on page 2)									

*BIOL 1406 is strongly recommended prior to BIOL 2401.
 **Must be taken immediately prior to admission.

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HOUSTON COMMUNITY COLLEGE SYSTEM
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NURSING - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
SECOND YEAR									
FIRST SEMESTER	13								
RNSG 1412 Nursing Care of the Childbearing and Childrearing Family	4								
RNSG 1460 Clinical Nursing-Registered Nurse Training	4								
XXXX #3## Speech Elective	3								
RNSG 1247 Concepts of Clinical Decision-Making	2								
SECOND SEMESTER	9								
RNSG 2121 Management of Client Care	1								
RNSG 1144 Nursing Skills II	1								
RNSG 1343 Complex Concepts of Adult Health	3								
RNSG 2361 Clinical Nursing-RNT-Adult II	3								
RNSG 2130 Professional Nursing Review and Licensure Preparation	1								
PROGRAM TOTAL	71								

*BIOL 1406 is strongly recommended prior to BIOL 2401.
**Must be taken immediately prior to admission.

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NAME:	SID#:	TEL#:	EMAIL:	DATE:
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VOCATIONAL NURSING - VOCATIONAL NURSING - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
	hr	Institution	Course	Transfer (TR)	Comment/Disapproval			Signature	
TSI testing is required prior to first enrollment.									
PREREQUISITES	5								
VNSG 1216 Nutrition	2								
VNSG 1320 Anatomy and Physiology for Allied Health	3								
FIRST SEMESTER	12								
VNSG 1400 Nursing in Health and Illness I	4								
VNSG 1122 Vocational Nursing Concepts	1								
VNSG 1227 Essentials of Medication Administration	2								
VNSG 1423 Basic Nursing Skills	4								
VNSG 1161 Clinical-Licensed Vocational Nurse (Practical Nursing I)	1								
SECOND SEMESTER	15								
VNSG 1330 Maternal-Neonatal Nursing	3								
VNSG 1162 Clinical-Licensed Vocational Nurse (Practical Nursing II)	1								
VNSG 1266 Practicum I-Licensed Vocational Nurse (Practical Nurse I)	2								
VNSG 1409 Nursing in Health and Illness II	4								
VNSG 2331 Advanced Nursing Skills	3								
VNSG 1238 Mental Illness	2								
THIRD SEMESTER	12								
VNSG 1219 Leadership and Professional Development	2								
VNSG 1163 Clinical-Licensed Vocational Nurse (Practical Nursing III)	1								
VNSG 1334 Pediatrics	3								
VNSG 1410 Nursing in Health and Illness III	4								
VNSG 1267 Practicum II-Licensed Vocational Nurse (Practical Nurse II)	2								
PROGRAM TOTAL	44								

NAME:	SID#:	TEL#:	EMAIL:	DATE:
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NURSING - ASSOCIATE IN APPLIED SCIENCE -TRANSITION PROGRAM: LICENSED VOCATIONAL NURSE TO REGISTERED NURSE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
PREREQUISITES	45								
ENGL 1301 Composition I	3								
BIOL 2401 Anatomy and Physiology I*	4								
RNSG 1301 Pharmacology**	3								
PSYC 2301 Introduction to Psychology	3								
ENGL 1302 Composition II	3								
BIOL 2402 Anatomy and Physiology II	4								
BIOL 2420 Microbiology	4								
PSYC 2314 Human Growth and Development: Lifespan	3								
SPCH #3## Speech Elective	3								
XXXX #3## Humanities/Fine Arts General Ed. Elective	3								
VNSG 1400 Nursing in Health and Illness I	4								
VNSG 1409 Nursing in Health and Illness II	4								
VNSG 1423 Basic Nursing Skills	4								
FIRST YEAR									
FIRST SEMESTER	8								
RNSG 2213 Mental Health Nursing	2								
RNSG 2263 Clinical Nursing-RNT-Mental Health	2								
RNSG 1327 Transition from Vocational Nursing to Professional Nursing	3								
RNSG 1163 Clinical Nursing-RNT-Transition	1								
SECOND SEMESTER	11								
RNSG 1247 Concepts of Clinical Decision-Making	2								
RNSG 1412 Nursing Care of the Childbearing and Childrearing Family	4								
RNSG 1460 Clinical Nursing-Registered Nurse Training	4								
RNSG 2121 Management of Client Care	1								
(Continued on page 2)									

* BIOL 1406 is strongly recommended prior to BIOL 2401
 **Must be taken immediately prior to admission

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NURSING - ASSOCIATE IN APPLIED SCIENCE-TRANSITION PROGRAM: LICENSED VOCATIONAL NURSE TO REGISTERED NURSE

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
	hr	Institution	Course	Transfer (TR)	Comment/Disapproval			Signature	
THIRD SEMESTER	8								
RNSG 1144 Nursing Skills II	1								
RNSG 1343 Complex Concepts of Adult Health	3								
RNSG 2361 Clinical Nursing-RNT-Adult II	3								
RNSG 2130 Professional Nursing Review and Licensure Preparation	1								
PROGRAM TOTAL	72								

* BIOL 1406 is strongly recommended prior to BIOL 2401
 **Must be taken immediately prior to admission

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NAME:	SID#:	TEL#:	EMAIL:	DATE:
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OCCUPATIONAL THERAPY ASSISTANT - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
TSI testing is required prior to first enrollment.									
FIRST YEAR									
2ND SUMMER SESSION (PREREQUISITE)									
HPRS 1201 Introduction to Health Professions	2								
ENGL 1301 English Composition I	3								
PSYC 2301 Introduction to Psychology	3								
BIOL 2401 Anatomy & Physiology	4								
OTHA 1301 Introduction to Occupational Therapy	3								
SEMESTER TOTAL	15								
FIRST SEMESTER									
OTHA 1305 Principles of Occupational Therapy	3								
OTHA 1309 Human Structure and Function in Occupational Therapy	3								
OTHA 1315 Therapeutic Use of Occupations or Activities I	3								
PSYC 2314 Human Growth and Development: Lifespan	3								
OTHA 1341 Occupational Performance from Birth through Adolescence	3								
SEMESTER TOTAL	15								
SECOND SEMESTER									
OTHA 2301 Pathophysiology in Occupational Therapy	3								
OTHA 1349 Occupational Performance of Adulthood	3								
OTHA 2311 Abnormal Psychology in Occupational Therapy	3								
OTHA 1319 Therapeutic Interventions I	3								
SPCH 1318 Interpersonal Communication	3								
SEMESTER TOTAL	15								

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**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

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NAME:	SID#:	TEL#:	EMAIL:	DATE:
COLLEGE:	COU/ADV:	TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

OCCUPATIONAL THERAPY ASSISTANT - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
						Comment/Disapproval			
THIRD SEMESTER									
OTHA 2302 Therapeutic Use of Occupations or Activities II	3								
OTHA 2305 Therapeutic Interventions II	3								
XXXX #3## Humanities/Fine Arts/General Educ. Elective	3								
SEMESTER TOTAL	9								
SECOND YEAR									
FIRST SEMESTER									
OTHA 1353 Occupational Performance for Elders	3								
OTHA 2331 Physical Function in Occupational Therapy	3								
OTHA 2309 Mental Health in Occupational Therapy	3								
OTHA 1161 Clinical - Occupational Therapy Assistant	1								
OTHA 1162 Clinical - Occupational Therapy Assistant	1								
SEMESTER TOTAL	11								
SECOND SEMESTER									
OTHA 2330 Workplace Skills for Occupational Therapy Assistant.	3								
OTHA 2266 Practicum (or Field Experience) - Occupational Therapy Assistant	2								
OTHA 2267 Practicum (or Field Experience) - Occupational Therapy Assistant	2								
SEMESTER TOTAL	7								
PROGRAM TOTAL	72								

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NAME:		SID#:	TEL#:	EMAIL:	DATE:
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PHARMACY TECHNICIAN - PHARMACY TECHNICIAN - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
PREREQUISITE									
HPRS 1201 Introduction to Health Professions	2								
PHRA 1102 Pharmacy Law	1								
SEMESTER TOTAL	3								
FIRST SEMESTER									
PHRA 1205 Drug Classification	2								
PHRA 1309 Pharmaceutical Mathematics I	3								
PHRA 1313 Community Pharmacy Practice	3								
PHRA 1304 Pharmacotherapy and Disease Process	3								
PHRA 1261 Clinical - Pharmacy Technician/Assistant	2								
SEMESTER TOTAL	13								
SECOND SEMESTER									
PHRA 1449 Institutional Pharmacy Practice	4								
PHRA 1445 Compounding Sterile Preparations and Aseptic Techniques	4								
PHRA 1247 Pharmaceutical Mathematics II	2								
PHRA 2260 Clinical - Pharmacy Technician/Assistant	2								
PHRA 2261 Clinical - Pharmacy Technician/Assistant	2								
SEMESTER TOTAL	14								
PROGRAM TOTAL	30								

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PHARMACY TECHNICIAN - MARKETABLE SKILLS ACHIEVEMENT AWARD - RETAIL PHARMACY TECHNICIAN

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
FIRST SEMESTER									
PHRA 1309 Pharmaceutical Mathematics I	3								
PHRA 1313 Community Pharmacy Practice	3								
PHRA 1143 Pharmacy Technician Certification Review	1								
PHRA 1260 Clinical – Pharmacy Technician/Assistant	2								
SEMESTER TOTAL	9								

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**HOUSTON COMMUNITY COLLEGE SYSTEM
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NAME:	SID#:	TEL#:	EMAIL:	DATE:
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PHYSICAL THERAPIST ASSISTANT - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
TSI testing is required prior to first enrollment									
FIRST YEAR									
FIRST SEMESTER									
	19								
HPRS 1201 Introduction to Health Professions	2								
PTHA 1301 The Profession of Physical Therapy	3								
BIOL 2401 Anatomy and Physiology I **	4								
HPRS 1106 Essentials of Medical Terminology	1								
PTHA 1305 Basic Patient Care Skills	3								
PTHA 1413 Functional Anatomy	4								
PTHA 1229 Applied Physical Principles	2								
SECOND SEMESTER									
	17								
HPRS 2332 Health Care Communications	3								
PTHA 1321 Pathophysiology	3								
PTHA 1431 Physical Agents	4								
PTHA 2301 Essentials of Data Collection	3								
BIOL 2402 Anatomy and Physiology II*	4								
THIRD SEMESTER									
	7								
PTHA 2205 Neurology	2								
PTHA 2509 Therapeutic Exercise	5								
SECOND YEAR									
FIRST SEMESTER									
	13								
PTHA 1266 Practicum I Physical Therapist Assistant	2								
PTHA 2435 Rehabilitation Techniques	4								
PTHA 2431 Management of Neurological Disorders	4								
PSYC 2301 Introduction to Psychology	3								
SECOND SEMESTER									
	14								
PTHA 1267 Practicum II Physical Therapist Assistant	2								
PTHA 2266 Practicum III Physical Therapist Assistant	2								
PTHA 2250 Current Concepts in Physical Therapy	2								
XXXX #3## Humanities/Fine Arts General Ed. Elective*	3								
PSYC 2314 Human Growth and Developmet: Lifespan*	3								
PTHA 2239 Professional Issues	2								
SEMESTER TOTAL									
	70								

*May be taken prior to admission
 ** BIOL 1406 is strongly recommended prior to BIOL 2401 (taken within five years or department approval).

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RADIOGRAPHY - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
PREREQUISITE SEMESTER									
HPRS 1201 Introduction to Health Professions	2								
MATH 1314 College Algebra	3								
ENGL 1301 Composition I	3								
BIOL 2401 Anatomy and Physiology I	4								
HPRS 1106 Essentials of Medical Terminology	1								
SEMESTER TOTAL	13								
FIRST YEAR									
FIRST SEMESTER									
RADR 1303 Patient Care	3								
RADR 1313 Principles of Radiographic Imaging I	3								
RADR 1411 Basic Radiographic Procedures	4								
RADR 1160 Clinical- Radiologic Technology/ Science- Radiographer	1								
XXXX #3## Approved Humanities/Fine Arts Elective	3								
SEMESTER TOTAL	14								
SECOND SEMESTER									
RADR 2309 Radiographic Imaging Equipment	3								
RADR 2401 Intermediate Radiographic Procedures	4								
RADR 1266 Practicum (or Field Experience) Radiologic Technology/Science Radiographer									
Science - Radiographer	2								
XXXX #3## General Education Elective	3								
SEMESTER TOTAL	12								
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RADIOGRAPHY - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
THIRD SEMESTER									
RADR 2260 Clinical - Radiologic Technology/Science - Radiographer	2								
RADR 2331 Advanced Radiographic Procedures	3								
SEMESTER TOTAL	5								
SECOND YEAR									
FIRST SEMESTER									
RADR 2340 Sectional Anatomy for Medical Imaging	3								
RADR 2333 Advanced Medical Imaging	3								
RADR 2366 Practicum- Radiologic Technology/ Science- Radiographer	3								
PSYC 2301 Intro to Psychology <i>OR</i>									
SOCI 1301 Intro to Sociology	3								
SEMESTER TOTAL	12								
SECOND SEMESTER									
RADR 2217 Radiographic Pathology	2								
RADR 2367 Practicum- Radiologic Technology/ Science- Radiographer	3								
RADR 2213 Radiation Biology and Protection	2								
SEMESTER TOTAL	7								
THIRD SEMESTER									
RADR 2335 Radiologic Technology Seminar	3								
RADR 2167 Practicum- Radiologic Technology/ Science- Radiographer	1								
SEMESTER TOTAL	4								
PROGRAM TOTAL	67								

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COMPUTED TOMOGRAPHY- ENHANCED SKILLS CERTIFICATE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST SEMESTER									
RADR 2340 Sectional Anatomy for Medical Imaging	3								
CTMT 2336 Computed Tomography Equipment and Methodology	3								
CTMT 2460 Clinical- Radiologic Technology/ Science- Radiographer	4								
CTMT 2461 Clinical- Radiologic Technology/ Science- Radiographer	4								
SEMESTER TOTAL	14								
PROGRAM TOTAL	14								

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COLLEGE:	COU/ADV:		TEL#:	EMAIL:	CAT YR: 8/15/14-8/14/15

RESPIRATORY THERAPIST - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
The following courses must be completed prior to admission to the program.									
PREREQUISITES									
RSPT 1201 Introduction to Respiratory Care	2								
BIOL 2401 Anatomy and Physiology I	4								
BIOL 2402 Anatomy and Physiology II	4								
SEMESTER TOTAL	10								
FIRST YEAR									
FIRST SEMESTER									
RSPT 2258 Respiratory Care Patient Assessment	2								
RSPT 1310 Respiratory Care Procedures I	3								
RSPT 1361 Clinical- Respiratory Care Therapy/Therapist	3								
RSPT 1240 Advanced Cardiopulmonary Anatomy and Physiology	2								
MATH 1314 College Algebra	3								
SEMESTER TOTAL	13								
SECOND SEMESTER									
RSPT 1311 Respiratory Care Procedures II	3								
RSPT 1362 Clinical- Respiratory Care Therapy/Therapist	3								
RSPT 1325 Respiratory Care Sciences	3								
RSPT 2317 Respiratory Care Pharmacology	3								
SEMESTER TOTAL	12								

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COLLEGE:		COU/ADV:			TEL#:		EMAIL:		CAT YR: 8/15/14-8/14/15		
RESPIRATORY THERAPIST - ASSOCIATE IN APPLIED SCIENCE											
HCCS Course Requirement			cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval Signature	Date
			hr	Institution	Course	Transfer (TR)	Comment/Disapproval				
THIRD SEMESTER (SUMMER)											
RSPT	2260	Clinical - Respiratory Care Therapy/Therapist	2								
RSPT	2314	Mechanical Ventilation	3								
ENGL	1301	Composition I	3								
SEMESTER TOTAL			8								
SECOND YEAR											
FIRST SEMESTER											
RSPT	2266	Practicum- Respiratory Care Therapy/Therapist									
		Care Therapy/Therapist	2								
RSPT	2255	Critical Care Monitoring	2								
RSPT	2310	Cardiopulmonary Disease	3								
PSYC	2301	Introduction to Psychology	3								
XXXX	#3##	Humanities/Fine Arts General Ed. Elective	3								
SEMESTER TOTAL			13								
SECOND SEMESTER											
RSPT	2233	Respiratory Care Case Management	2								
RSPT	2267	Practicum (or Field Experience) - Respiratory									
		Care Therapy/Therapist	2								
RSPT	2325	Cardiopulmonary Diagnostics	3								
RSPT	2353	Neonatal/Pediatric Cardiopulmonary Care	3								
SEMESTER TOTAL			10								
THIRD SEMESTER (SUMMER)											
RSPT	2239	Advanced Cardiac Life Support	2								
RSPT	2261	Clinical - Respiratory Care Therapy/Therapist	2								
RSPT	2231	Simulations in Respiratory Care	2								
SEMESTER TOTAL			6								
PROGRAM TOTAL			72								

HOUSTON COMMUNITY COLLEGE SYSTEM EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION

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SURGICAL TECHNOLOGY - SURGICAL TECHNOLOGY - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
	hr	Institution	Course	Transfer (TR)	Comment/Disapproval			Signature	
PREREQUISITE									
HPRS 1201 Introduction to Health Professions	2								
PREREQUISITE TOTAL	2								
FIRST SEMESTER									
HITT 1205 Medical Terminology	2								
SRGT 1361 Clinical - Surgical Technology/Technologist	3								
SRGT 1409 Fundamentals of Aseptic Techniques	4								
SRGT 1405 Introduction to Surgical Technology	4								
SCIT 1407 Human Anatomy and Physiology I	4								
SEMESTER TOTAL	17								
SECOND SEMESTER									
SCIT 1408 Human Anatomy and Physiology II	4								
SRGT 1441 Surgical Procedures I	4								
SRGT 1463 Clinical - Surgical Technology/Technologist	4								
SEMESTER TOTAL	12								
THIRD SEMESTER									
SRGT 1442 Surgical Procedures II	4								
SRGT 2463 Clinical - Surgical Technology/Technologist	4								
SEMESTER TOTAL	15								
PROGRAM TOTAL	46								

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SURGICAL TECHNOLOGY- MARKETABLE SKILLS ACHIEVEMENT AWARD- ACCELERATED ALTERNATE DELIVERY (AAD)

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST YEAR									
FIRST SEMESTER									
HITT 1205 Medical Terminology	2								
SRGT 1372 Comprehensive Anatomy and Physiology for the Surgical Technologist	3								
SRGT 1405 Introduction to Surgical Technology	4								
SRGT 2130 Professional Readiness	1								
SEMESTER TOTAL	10								
<i>A student may only earn one MSA per academic year.</i>									

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SURGICAL TECHNOLOGY - HEALTH CARE CAREER ACADEMY - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
FIRST SEMESTER									
HPRS 1201 Introduction to Health Professions*	2								
HPRS 1206 Essentials of Medical Terminology	2								
VNSG 1320 Anatomy and Physiology for Allied Health	3								
HPRS 1271 Health Science Literacy	2								
TECM 1303 Technical Calculations	3								
PLAB 1323 Phlebotomy <u>OR</u>									
SRGT 1371 Sterile Processing	3								
SEMESTER TOTAL	15								
SECOND SEMESTER									
PLAB 1260 Clinical - Phlebotomy/Phlebotomist <u>OR</u>	2								
SRGT 1560 Clinical - Surgical Technology/Technologist	5								
SEMESTER TOTAL	2								
PROGRAM TOTAL	17								

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SURGICAL TECHNOLOGY - MARKETABLE SKILLS ACHIEVEMENT AWARD - PATIENT CARE TECHNICIAN

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST SEMESTER									
HPRS 1201 Introduction to Health Professions	2								
MDCA 1471 Ambulatory Care and Emergency Procedures	4								
NUPC 1320 Patient Care Technician/Assistant	3								
ECRD 1211 Electrocardiography	2								
SEMESTER TOTAL	11								
<i>A student may only earn one MSA per academic year.</i>									

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SURGICAL TECHNOLOGY - MARKETABLE SKILLS ACHIEVEMENT AWARD - PHLEBOTOMY TECHNICIAN

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST SEMESTER									
HPRS 1201 Introduction to Health Professions	2								
PLAB 1323 Phlebotomy	3								
PLAB 1260 Clinical-Phlebotomy/Phlebotomist	2								
HITT 1305 Medical Terminology I	3								
SEMESTER TOTAL	10								
<i>A student may only earn one MSA per academic year.</i>									

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SURGICAL TECHNOLOGY - RENAL DIALYSIS TECHNICIAN - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
FIRST YEAR									
FIRST SEMESTER									
HPRS 1201 Introduction to Health Professions	2								
VNSG 1216 Nutrition	2								
VNSG 1320 Anatomy and Physiology for Allied Health	3								
VNSG 1423 Basic Nursing Skills	4								
HITT 1205 Medical Terminology I	2								
DYTC 1270 Clinical - Renal Dialysis Technician I	2								
SEMESTER TOTAL	15								
SECOND SEMESTER									
DYTC 2470 Principles of Renal Dialysis I	4								
DYTC 2471 Renal Failure and Support Therapies and Hemodialysis Lab Procedures	4								
DYTC 2472 Clinical -Renal Dialysis Technician II	4								
SEMESTER TOTAL	12								
THIRD SEMESTER									
DYTC 2473 Principles of Renal Dialysis II	4								
DYTC 2474 Clinical - Renal Dialysis Technician III	4								
DYTC 2170 Renal Dialysis Professional Readiness	1								
SEMESTER TOTAL	9								
PROGRAM TOTAL	36								