

Health and Medical Sciences Programs

- 2 Cardiovascular Technology-AAS
- 4 Clinical Laboratory Technician-AAS
- 6 Dental Assisting-Certificate
- 7 Diagnostic Medical Sonography-Advanced Technical Certificate
- 8 Emergency Medical Services-AAS
- 9 Emergency Medical Services-Certificate
- 10 Health and Fitness Instructor-AAS
- 11 Health and Fitness Instructor-Certificate
- 12 Health Information Technology-AAS
- 14 Health Information Coding-Certificate
- 15 Health Information Analysis-Certificate
- 16 Histologic Technician-AAS
- 17 Medical Assistant-Certificate
- 18 Nuclear Medicine Technology-AAS
- 19 Nuclear Medicine Technology Advanced Technical Certificate
- 20 Nursing-AAS
- 22 Bridge Program: Licensed Vocational Nurse to Registered Nurse-AAS
- 24 Occupational Therapy Assistant-Certificate
- 25 Occupational Therapy Assistant-AAS
- 27 Pharmacy Technician-Certificate
- 28 Physical Therapist Assistant-AAS
- 30 Radiography-AAS
- 32 Computed Tomography- Enhanced Skills Certificate
- 33 Respiratory Therapist-AAS

- 35 Surgical Technology-Certificate
- 36 Accelerated Alternate Delivery (AAD)-Marketable Skills Achievement Award
- 37 Vocational Nursing-Certificate

Contract Training and Continuing Education (CEU) Awards

- 38 Health Information Technology-Marketable Skills Achievement Award (CEU)
- 39 Massage Therapist-Marketable Skills Achievement Award (CEU)
- 40 Nurse Aide-Marketable Skills Achievement Award (CEU)
- 41 Phlebotomy-Marketable Skills Achievement Award (CEU)

**HOUSTON COMMUNITY COLLEGE SYSTEM
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NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 07-08

CLINICAL LABORATORY TECHNICIAN - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior ro first enrollment.						
FIRST YEAR						
FIRST SEMESTER						
MATH 1314 College Algebra*						
CHEM 1411 General Chemistry I*/*** OR						
CHEM 1413 College Chemistry I						
MLAB 1201 Introduction to Clinical Laboratory Science						
MLAB 1270 Hematology I						
MLAB 1235 Immunology/Serology						
BIOL 2401 Anatomy and Physiology I**						
SECOND SEMESTER						
MLAB 1211 Urinalysis and Body Fluids						
MLAB 1271 Hematology II						
MLAB 1227 Coagulation						
ENGL 1301 Composition I*						
BIOL 2402 Anatomy and Physiology II*						
MLAB 2431 Immunohematology						
THIRD SEMESTER						
PLAB 1223 Phlebotomy						
BIOL 2420 Microbiology*						
MLAB 2270 Clinical Chemistry I						
SECOND YEAR						
FIRST SEMESTER						
MLAB 2434 (Clinical) Microbiology						
MLAB 1166 Practicum- Clinical/Medical Laboratory Tech.						
MLAB 1167 Practicum- Clinical/Medical Laboratory Tech.						
MLAB 2271 Clinical Chemistry II						
(Continued on page 2)						

*Maybe taken prior to admission

**BIOL 1406 is strongly recommended prior to BIOL 2401

*** Recommended for transfer

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EMERGENCY MEDICAL SERVICES - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment.						
FIRST SEMESTER						
EMSP 1401 EMT-Basic						
EMSP 1160 EMT-Basic Clinical						
EMSP 1338 Introduction to Advanced Practice						
EMSP 1356 Patient Assessment and Airway Management						
EMSP 1263 Clinical-Foundations						
SECOND SEMESTER						
EMSP 1355 Trauma Management						
BIOL 2401 Anatomy and Physiology I**						
EMSP 2248 Emergency Pharmacology						
ENGL 1301 Composition I*						
EMSP 2444 Cardiology						
EMSP 2160 Clinical-Cardiology						
SECOND YEAR						
FIRST SEMESTER						
BIOL 2402 Anatomy and Physiology II*						
EMSP 2434 Medical Emergencies						
EMSP 2330 Special Populations						
XXXX #3## Computer Applications Elective***						
XXXX #3## Social Science General Education Elective*						
SECOND SEMESTER						
EMSP 2243 Assessment Based Management						
EMSP 2338 EMS Operations						
EMSP 2260 Clinical-Special Populations						
EMSP 2261 Clinical-Field						
EMSP 2352 EMS Research						
EMSP 1391 Special Topics in EMS						
XXXX #3## Approved Humanities/Fine Arts Elective*						

*Maybe taken prior to admission

**BIOL 1406 is strongly recommended prior to BIOL 2401

***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 Application.

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HEALTH AND FITNESS INSTRUCTOR - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment						
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 English Composition						
BIOL 1406 General Biology I						
FITT 2313 Exercise Science						
FITT 1301 Fitness and Exercise Testing						
FITT 1303 Fitness Event Planning and Promotion						
PHED #1## Activity Class*						
SECOND SEMESTER						
FITT 2409 Theory of Exercise Program Design and Instruction						
BIOL 2401 Anatomy and Physiology I						
PHED 2111 Beginning Weight Training and Conditioning I OR						
PHED 2115 Weight Training and Conditioning II						
PHED 2311 Prevention and Care of Exercise Injury						
PHED 2333 Fitness Industry Operations and Technology						
SECOND YEAR						
FIRST SEMESTER						
PHED 1111 Aerobics Conditioning I OR						
PHED 1115 Aerobics Conditioning II						
BUSG 1301 Introduction to Business						
XXXX#3## Computer Applications Elective**						
HECO 1322 Basic Nutrition						
PHED 1304 Personal and Community Health						
PSYC 2301 Introduction to Psychology						
SECOND SEMESTER						
PHED 1306 First Aid						
FITT 2364 Practicum- Health and Physical Education						
SPCH 1311 Fundamentals of Speech						
XXXX #3## Approved Humanities/Fine Arts Elective						

*PHED 1150 is recommended for non-swimmers.

** 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 Application.

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HEALTH INFORMATION TECHNOLOGY - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment.						
PREREQUISITES						
BIOL 2401 Anatomy and Physiology I **/**						
ENGL 1301 English Composition I*						
FIRST YEAR						
FIRST SEMESTER						
BIOL 2402 Anatomy and Physiology II*						
HITT 1301 Health Data Content and Structure						
HITT 1166 Health Information Practicum I						
XXXX#3## Approved Humanities/Fine Arts Elective*						
POFI 1301 Computer Applications I						
SECOND SEMESTER						
POFI 1341 Computer Applications II						
HITT 1305 Medical Terminology						
HITT 1445 Health Care Delivery Systems						
HITT 1167 Health Information Practicum II						
HITT 1355 Health Care Statistics						
THIRD SEMESTER						
HPRS 2301 Pathophysiology						
HITT 1349 Pharmacology						
SECOND YEAR						
FIRST SEMESTER						
HITT 1341 Coding and Classification Systems						
HITT 1353 Legal and Ethical Aspects of Health Information						
HITT 2339 Health Information Organization and Supervision						
XXXX#3## Social Science General Education Elective*						
SECOND SEMESTER						
HITT 2435 Coding and Reimbursement Methodologies						
HITT 1311 Computers in Health Care						
HITT 2443 Quality Assessment and Performance Improvement						
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* May be taken prior to admission.

** BIOL 1406 is strongly recommended prior to BIOL 2401.

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NUCLEAR MEDICINE TECHNOLOGY - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment						
FIRST YEAR						
FIRST SEMESTER						
NMTT 1311 Nuclear Medicine Patient Care						
NMTT 1313 Nuclear Medicine Physics						
NMTT 1401 Introduction to Nuclear Medicine						
NMTT 1167 Practicum I-Nuclear Medicine Technology						
BIOL 2401 Anatomy and Physiology I **						
SECOND SEMESTER						
NMTT 1409 Nuclear Medicine Instrumentation						
XXXX #3## Approved Humanities/Fine Arts Elective						
NMTT 1266 Practicum II-Nuclear Medicine Technology						
BIOL 2402 Anatomy and Physiology II *						
RADR 2340 Sectional Anatomy for Medical Imaging						
THIRD SEMESTER						
NMTT 2309 Nuclear Medicine Methodology II						
NMTT 2167 Practicum III-Nuclear Medicine Technology						
CHEM 1405 Introductory Chemistry I *						
NMTT 2333 PET and Fusion Technology						
SECOND YEAR						
FIRST SEMESTER						
NMTT 2313 Nuclear Medicine Methodology III						
NMTT 2401 Radiochemistry and Radiopharmacy						
NMTT 2266 Practicum IV-Nuclear Medicine Technology						
ENGL 1301 Composition I *						
SECOND SEMESTER						
NMTT 2405 Nuclear Medicine Methodology I						
NMTT 2267 Practicum V-Nuclear Medicine Technology						
PSYC 2301 Introduction to Psychology *						
SPCH #3## Speech Elective *						
THIRD SEMESTER						
NMTT 2335 Nuclear Medicine Technology Seminar						
NMTT 2366 Practicum VI-Nuclear Medicine Technology						

*May be taken prior to admission.

** BIOL 1406 is strongly recommended prior to BIOL 2401.

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NURSING - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment.						
PRE-ADMISSION						
ENGL 1301 Composition I						
BIOL 2401 Anatomy and Physiology I*						
RNSG 1301 Pharmacology**						
PSYC 2301 Introduction to Psychology						
FIRST YEAR						
FIRST SEMESTER						
RNSG 1513 Foundations for Nursing Practice						
RNSG 1360 Clinical Nursing- Foundations						
BIOL 2402 Anatomy and Physiology II						
PSYC 2314 Human Growth and Development: Lifespan						
SECOND SEMESTER						
RNSG 1193 Special Topics in Nursing, Pediatrics						
RNSG 1251 Care of the Childbearing Family						
RNSG 1261 Clinical Nursing- Childbearing						
RNSG 2201 Care of Children and Families						
RNSG 2262 Clinical Nursing- Children						
BIOL 2420 Microbiology						
THIRD SEMESTER						
XXXX #3## Approved Humanities/Fine Arts Elective						
RNSG 2213 Mental Health Nursing						
RNSG 2263 Clinical Nursing- Mental Health						
SECOND YEAR						
FIRST SEMESTER						
RNSG 1105 Nursing Skills I						
RNSG 2221 Management of Client Care						
RNSG 1441 Common Concepts of Adult Health						
RNSG 2360 Clinical Nursing-Adult I						
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*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 -BRIDGE PROGRAM: LICENSED VOCATIONAL NURSE TO REGISTERED NURSE

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment.						
FIRST YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
BIOL 2401 Anatomy and Physiology I*						
PSYC 2301 Introduction to Psychology						
XXXX #3## Approved Elective Humanities/Fine Arts						
SECOND SEMESTER						
BIOL 2402 Anatomy and Physiology II						
RNSG 1301 Pharmacology**						
BIOL 2420 Microbiology						
PSYC 2314 Human Growth and Development: Lifespan						
THIRD SEMESTER						
RNSG 2263 Clinical Nursing - Mental Health						
RNSG 2213 Mental Health Nursing						
RNSG 1327 Transition from Vocational Nursing to Professional Nursing						
RNSG 1163 Clinical Nursing - Transition						
SECOND YEAR						
PREREQUISITE SEMESTER						
VNSG 1400 Nursing in Health and Illness I						
VNSG 1409 Nursing in Health and Illness II						
VNSG 1423 Basic Nursing Skills						
FIRST SEMESTER						
RNSG 1261 Clinical Nursing - Childbearing						
RNSG 1251 Care of the Childbearing Family						
RNSG 1193 Special Topics in Nursing, Pediatrics						
RNSG 2201 Care of Children and Families						
RNSG 2221 Management of Client Care						
RNSG 2262 Clinical Nursing - Children						
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* BIOL 1406 is strongly recommended prior to BIOL 2401

**Must be taken immediately prior to admission

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NAME:	SS#:	DATE:
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OCCUPATIONAL THERAPY ASSISTANT - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
PREREQUISITE						
OTHA 1301 Introduction to Occupational Therapy						
FIRST SEMESTER						
OTHA 1305 Principles of Occupational Therapy						
OTHA 1309 Human Structure and Function in Occupational Therapy						
OTHA 1311 Occupational Performance throughout the Lifespan						
OTHA 1315 Therapeutic Use of Occupations or Activities I						
OTHA 1319 Therapeutic Interventions I						
SECOND SEMESTER						
OTHA 2301 Pathophysiology in Occupational Therapy						
OTHA 2311 Abnormal Psychology in Occupational Therapy						
OTHA 2331 Physical Function in Occupational Therapy						
OTHA 2309 Mental Health in Occupational Therapy						
OTHA 2302 Therapeutic Use of Occupations or Activities II						
OTHA 2305 Therapeutic Interventions II						
OTHA 2160 Clinical – Intermediate						
OTHA 2161 Clinical – Intermediate						
THIRD SEMESTER						
OTHA 2330 Workplace Skills for Occupational Therapy Asst.						
OTHA 2360 Clinical – Advanced						
OTHA 2361 Clinical – Advanced						
SECOND YEAR						
FIRST SEMESTER						
ENGL 1301 Composition I						
PSYC 2301 Introduction to Psychology						
GOVT 2301 American Government: National, State & Local I						
XXXX#3## Math/Natural Science General Education Elective						
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PHYSICAL THERAPIST ASSISTANT - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment						
This block of courses must be completed prior to admission to the program.						
PRE-ADMISSION						
BIOL 2401 Anatomy and Physiology I **						
ENGL 1301 Composition I						
PSYC 2301 Introduction to Psychology						
FIRST YEAR						
FIRST SEMESTER						
BIOL 2402 Anatomy and Physiology II*						
HPRS 1106 Medical Terminology						
PTHA 1305 Basic Patient Care Skills						
PTHA 1413 Functional Anatomy						
PTHA 1229 Applied Physical Principles						
PTHA 1201 The Profession of Physical Therapy						
SECOND SEMESTER						
HPRS 2332 Health Care Communications						
PTHA 1321 Pathophysiology						
PTHA 1431 Physical Agents						
PTHA 2301 Essentials of Data Collection						
PSYC 2314 Human Growth and Development: Lifespan*						
THIRD SEMESTER						
PTHA 2205 Neurology						
PTHA 2509 Therapeutic Exercise						
XXXX #3## Approved Humanities/Fine Arts Elective*						
SECOND YEAR						
FIRST SEMESTER						
PTHA 1266 Practicum I						
PTHA 2435 Rehabilitation Techniques						
PTHA 2431 Management of Neurological Disorders						
(Continued on page 2)						

*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	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
<i>TSI Testing is required prior to first enrollment.</i>						
PREREQUISITE SEMESTER						
MATH 1314 College Algebra						
ENGL 1301 Composition I						
BIOL 2401 Anatomy and Physiology I						
RADR 1201 Introduction to Radiography						
HPRS 1106 Essentials of Medical Terminology						
FIRST YEAR						
FIRST SEMESTER						
RADR 1303 Patient Care						
RADR 1411 Basic Radiographic Procedures						
RADR 1160 Clinical- Radiologic Technology/ Science- Radiographer						
SECOND SEMESTER						
RADR 1313 Principles of Radiographic Imaging I						
RADR 2401 Intermediate Radiographic Procedures						
RADR 1266 Practicum- Radiologic Technology/ Science- Radiographer						
SPCH 1311 Fundamentals of Speech						
THIRD SEMESTER						
RADR 2305 Principles of Radiographic Imaging II						
RADR 2331 Advanced Radiographic Procedures						
RADR 1267 Practicum- Radiologic Technology/ Science- Radiographer						
PSYC 2301 Intro to Psychology OR						
SOCI 1301 Intro to Sociology						
SECOND YEAR						
FIRST SEMESTER						
RADR 2233 Advanced Medical Imaging						
RADR 2360 Clinical- Radiologic Technology/ Science- Radiographer						
RADR 2217 Radiographic Pathology						
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RESPIRATORY THERAPIST - ASSOCIATE IN APPLIED SCIENCE

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI Testing is required prior to first enrollment.						
The following course must be completed prior to admission to the program.						
PREREQUISITES						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
FIRST YEAR						
FIRST SEMESTER						
RSPT 2258 Respiratory Care Patient Assessment						
RSPT 1310 Respiratory Care Procedures I						
RSPT 1361 Clinical- Respiratory Care Therapy/Therapist						
RSPT 1307 Cardiopulmonary Anatomy and Physiology						
SPCH 1311 Fundamentals of Speech						
SECOND SEMESTER						
RSPT 1311 Respiratory Care Procedures II						
RSPT 1362 Clinical- Respiratory Care Therapy/Therapist						
RSPT 1325 Respiratory Care Sciences						
RSPT 2317 Respiratory Care Pharmacology						
THIRD SEMESTER (SUMMER)						
RSPT 1240 Advanced Cardiopulmonary Anatomy and Physiology						
RSPT 2166 Practicum- Respiratory Care Therapy/Therapist						
RSPT 2314 Mechanical Ventilation						
SECOND YEAR						
FIRST SEMESTER						
RSPT 2360 Clinical - Respiratory Care Therapy/Therapist						
RSPT 2255 Critical Care Monitoring						
RSPT 2310 Cardiopulmonary Disease						
RSPT 2305 Pulmonary Diagnostics						
PSYC 2301 Introduction to Psychology						
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