

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ADVANCED TECHNICAL CERTIFICATE
2011/2012

**Degree/Program Code ATC.OPT - VISUAL ASSESSMENT
ADVANCED TECHNICAL CERTIFICATE**

This 11 credit hour program provides training in Safety and Sports Vision, Low Vision, and Refraction for students who have already earned an Associate in Applied Science degree in Opticianry.

PROGRAM REQUIREMENTS (11 CREDIT HOURS)				IP	C
*OPT	1225	Low Vision	3		
*OPT	1666	Safety and Sports Vision	3		
*OPT	2375	Refractometry	2		
*OPT	2375L	Refractometry Lab I	2		
*OPT	2376L	Refractometry Lab II	1		

*Prerequisite/corequisite required. See course descriptions in the current HCC catalog.

IP - In Progress
C - Completed Course

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6/20/2011

Contact the program manager, Bill Day, at bday@hccfl.edu for more information.

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ADVANCED TECHNICAL CERTIFICATE
2011/2012

Degree/Program Code ATD.HUS.FHSW - FAMILY HEALTH AND SUPPORT WORKER

This twenty one credit hour applied technology diploma is designed to provide training for non-degree, front-line community health workers (CHWs) who are currently employed as home visitors, family support workers, case managers, resource workers, peer counselors, or public health aides.

In order to join this program, a student must meet the requirements listed:

1. Submit online HCC application.
2. Send final high school/GED transcripts to HCC.
3. Send an official technical/vocational school and college transcripts to HCC. You are strongly urged to request those documents be sent to you in a sealed envelope. Include the unopened envelopes with your application. If HCC is the only college you have attended, no transcript is required.
4. Must have a minimum score of 64 in Reading, 72 in Sentence Skills and 55 in Arithmetic on the College Placement Test (CPT). Requirement may be met by the specific CPT, SAT, or ACT scores or previous college-level coursework. Placement test must have been taken within the last two years.

PROGRAM REQUIREMENTS (21 HOURS)				IP	C
HUS	1001	Introduction to Human Services	3		
HUS	1111	Interpersonal Skills in Human Services	3		
HUS	1540	Principles for Understanding and working with Families	3		
HUS	1550	Multicultural Perspective in Human Services	3		
HUS	2840	Field Placement in Maternal and Child Services	3		
HUS	2541	Working with Families in Perinatal Period	3		
HUS	2542	Working with Families in Early Childhood Period	3		

IP - In Progress
C - Completed Course

Last saved by nhamilton 06/07/10

A HEALTH SCIENCE APPLICATION IS **NOT** REQUIRED

PROGRAM ADMITS EVERY SEMESTER

HILLSBOROUGH COMMUNITY COLLEGE

◆ ACADEMIC ADVISING GUIDE ◆ COLLEGE CREDIT CERTIFICATE ◆
2011/2012

Degree/Program Code CCC.EMT. - EMERGENCY MEDICAL TECHNICIAN

Prepares the student to perform essential basic life support measures at the scene of an accident and during subsequent transport to a medical facility.

In order to join this program, a student must meet the requirements listed below:

1. Submit online HCC application.
2. Send final official high school/GED transcripts to HCC.
3. Send all official technical/vocational school and college transcripts to HCC. You are strongly urged to request those documents be sent to you in a sealed envelope. Include the unopened envelopes with your application. If HCC is the only college you have attended, no transcript is required.
4. Must have completed MAT 0018 (old number MAT 0012), REA 0007 (old number REA 0001), and ENC 0015 (old number ENC 0010) or higher, or meet the equivalent CPT scores. Requirement may be met by the specific CPT, SAT, or ACT scores or previous college-level coursework. Placement test must have been taken within the last two years.

PROGRAM REQUIREMENTS (11)				IP	C
EMS	1119	Emergency Medical Technician	7		
EMS	1119L	Emergency Medical Technician Practicum	2		
EMS	1431	Emergency Medical Technician Clinical (EMT)	1		
HSC	1220	Introduction to Health Sciences	1		

IP - In Progress
C - Completed Course

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HILLSBOROUGH COMMUNITY COLLEGE

◆ ACADEMIC ADVISING GUIDE ◆ COLLEGE CREDIT CERTIFICATE ◆
2011/2012

Degree/Program Code CCC.EYE.TECH - EYE CARE TECHNICIAN

A College Credit Certificate in Eye Care Technician prepares students to perform visual assessment, contact lens fitting and spectacle dispensing. It is designed for students interested in working closely with Ophthalmologists and Optometrists. All credits may be applied to the Opticianry Degree.

PROGRAM REQUIREMENTS (48)				IP	C
OPT	1000	Ophthalmic Orientation	1		
OPT	1155	Ophthalmic Lens I	3		
OPT	1156	Ophthalmic Lens II	3		
OPT	1225	Low Vision	3		
*OPT	1400L	Ophthalmic Lab I	3		
*OPT	1460	Ophthalmic Dispensing I	3		
*OPT	1460L	Ophthalmic Dispensing Lab I	3		
OPT	2204	Anatomy & Physiology of the Eye	3		
OPT	2375	Refractometry	2		
OPT	2375L	Refractometry I Lab	2		
OPT	2376L	Refractometry II Lab	1		
*OPT	2461	Ophthalmic Dispensing II	3		
*OPT	2461L	Ophthalmic Dispensing Lab II	3		
*OPT	2463L	Ophthalmic Skills Lab I	2		
*OPT	2500	Contact Lens Theory I	3		
*OPT	2500L	Contact Lens Theory Lab I	2		
*OPT	2501	Contact Lens Theory II	2		
*OPT	2501L	Contact Lens Theory Lab II	2		
*OPT	2800L	Vision Care Clinical I	2		
*OPT	2801L	Vision Care Clinical II	2		

IP - In Progress C - Completed Course
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*Prerequisite/corequisite required. See course descriptions in the current HCC catalog.

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HILLSBOROUGH COMMUNITY COLLEGE

◆ ACADEMIC ADVISING GUIDE ◆ COLLEGE CREDIT CERTIFICATE ◆
2011/2012

Degree/Program Code CCC.OPT.LAB.TECH OPHTHALMIC LABORATORY TECHNICIAN

A College Credit Certificate in Ophthalmic Laboratory Technician teaches surfacing, finishing and other related tasks necessary to fabricate prescription eyewear. The program prepares students to work in a wholesale or retail optical laboratory. All credits may be applied to the Opticianry Degree.

PROGRAM REQUIREMENTS (24)				IP	C
OPT	1000	Ophthalmic Orientation	1		
OPT	1155	Ophthalmic Lens I	3		
OPT	1156	Ophthalmic Lens II	3		
OPT	1400L	Ophthalmic Laboratory	3		
*OPT	1460	Ophthalmic Dispensing I	3		
*OPT	1460L	Ophthalmic Dispensing I Laboratory	3		
OPT	2204	Anatomy and Physiology of the Eye	3		
OPT	2500	Contact Lens Theory I	3		
OPT	2800L	Vision Care Clinic I	2		

IP - In Progress
C - Completed Course

*Prerequisite/corequisite required. See course descriptions in the current HCC catalog.

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A HEALTH SCIENCE APPLICATION IS REQUIRED

APPLICATION DEADLINES:
MAY 15 FOR FALL (AUGUST) ENTRY
SEPTEMBER 15 FOR SPRING (JANUARY) ENTRY
JANUARY 15 FOR SUMMER (MAY) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

◆ ACADEMIC ADVISING GUIDE ◆ COLLEGE CREDIT CERTIFICATE ◆ 2011/2012

Degree/Program Code CCC.PARA. - PARAMEDIC

The Paramedic Certificate is a **limited access program**.

1. Submit online HCC application.
2. Send final official high school/GED transcripts to HCC.
3. Send all official technical/vocational school and college transcripts to HCC. You are strongly urged to request those documents be sent to you in a sealed envelope. Include the unopened envelopes with your application. If HCC is the only college you have attended, no transcript is required.
4. Must have completed MAT 0018 (old number MAT 0012), REA 0007 (old number REA 0001), and ENC 0015 (old number ENC 0010) or higher, or meet the equivalent CPT scores. Requirement may be met by the specific CPT, SAT, or ACT scores or previous college-level coursework. Placement test must have been taken within the last two years.
5. Students must be EMT-B certified or eligible for EMT-B certification to apply & hold Florida certification prior to mandatory orientation.

Visit our website at www.hccfl.edu/departments/health-science.aspx for more information and to obtain a health science application.

A College Credit Certificate in Paramedic may be earned by completing 42 hours below. The certificate program requirements must be met in their entirety before a student can be permitted to sit for the Florida Paramedic Certification.

PROGRAM REQUIREMENTS (42 HOURS)				IP	C
EMS	2666	Paramedic Clinical I	3		
*EMS	2667	Paramedic Clinical II	3		
*EMS	2668	Paramedic Clinical III	3		
EMS	2617C	Assessment-Based Mgmt. and Proficiency	2		
EMS	2621	Paramedic Phase I	7		
EMS	2621L	Paramedic Phase I Practicum	4		
EMS	2622	Paramedic Phase II	8		
EMS	2622L	Paramedic Phase II Practicum	4		
EMS	2623	Paramedic Phase III	6		
EMS	2623L	Paramedic Phase III Practicum	2		

IP - In Progress
C - Completed Course

*Prerequisite/corequisite required. See course descriptions in the current HCC catalog.

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HEALTH SCIENCE APPLICATION IS REQUIRED

APPLICATION DEADLINE: JANUARY 15 FOR SUMMER (MAY) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ COLLEGE CREDIT CERTIFICATE ♦ 2011/2012

Degree/Program Code CCC.RAT.SPEC - RADIATION THERAPY SPECIALIST

The Radiation Therapy Certificate is for individuals who have graduated from an approved Radiography program and are ARRT certified or eligible and want to become Radiation Therapy Specialists. Contact the Health Sciences Recruitment Department for Pre-Admission information at 253-7364. A Certificate in Radiation Therapy may be earned by completing 43 hours in the following courses:

PROGRAM REQUIREMENTS (43 HOURS)				IP	C
CGS	1107	Introduction to Computers	1		
LIS	1004	Internet Research	1		
RAT	1810	Introduction to Radiation Therapy Clinic II	2		
*RAT	2021	Radiation Therapy Treatment Planning	3		
RAT	2023	Principles & Practices of Radiation Therapy I	3		
RAT	2061	Radiation Therapy Seminar	2		
RAT	2242	Principles & Practices of Radiation Therapy II	4		
RAT	2303	Psychosocial Aspects in Oncology	2		
*RAT	2619L	Computer Applications in Treatment Planning	2		
*RAT	2620	Radiation Therapy Physics III	3		
*RAT	2621C	Radiation Therapy Physics IV	3		
*RAT	2804	Radiation Therapy Clinic I	3		
RAT	2814	Radiation Therapy Clinic II	3		
RAT	2824	Radiation Therapy Clinic III	3		
RAT	2901	Simulation Lecture I	1		
*RAT	2901L	Simulation Lab I	1		
RAT	2902	Simulation Lecture II	1		
*RAT	2902L	Simulation Lab II	1		
RTE	2385	Radiation Biology	3		
RTE	2473L	Quality Assurance	1		

IP - In Progress

C - Completed Course

See course descriptions in the current HCC catalog.

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A HEALTH SCIENCE APPLICATION IS **NOT** REQUIRED

STUDENTS MAY BEGIN PROGRAM IN FALL, SPRING, OR SUMMER
 ("NO LONGER LIMITED ACCESS" AS OF 7/15/04)

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE

◆ ASSOCIATE IN SCIENCE ◆ ASSOCIATE IN APPLIED SCIENCE ◆ 2011/2012

Degree/Program Code AS.HUS/AAS.HUS - COUNSELING & HUMAN SERVICES

This guide does not constitute a contract. It represents the minimum hours and coursework you must complete to satisfy specific degree requirements.

GENERAL EDUCATION REQUIREMENT (19 HOURS)				IP	C
ENC	1101	English Composition I	3		
PSY	2012	General Psychology	3		
SYG	2000	Introduction to Sociology	3		
BSC	1025	Nutrition and Drugs and	3		
BSC	1025L	Nutrition and Drugs Lab	1		
		or			
BSC	1085	Human Anatomy & Physiology I and	3		
BSC	1085L	Human Anatomy & Physiology I Lab	1		
		or			
PCB	1730	Human Reproduction & Inheritance and	3		
PCB	1730L	Human Reproduction & Inheritance Lab	1		
MGF	1119	Introduction to Math with Applications (non-transfer) or	3		
		any General Ed math course (transfer)			

Select 3 hours from the following General Education

Humanities list:

Humanities list:				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Introduction to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	World Humanities: Prehist. To Early Modern	3		
HUM	2230	World Humanities: Early Mod-Contemporary	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities	3		
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

PROGRAM REQUIREMENTS (46 HOURS)				IP	C
CGS	1000	Introduction to Computers & Technology	3		
•GEY	1000	Issues of Aging	3		
•HUS	1001	Introduction to Human Services	3		
HUS	1024	Abnormal Behavior	3		
HUS	1111	Interpersonal Skills I H.S.	3		
HUS	1200	Introduction to Group Process	3		
HUS	1320	Crisis Intervention	3		
HUS	1406	Etiology/ Treatment Subst. Use Disorder	3		
HUS	1540	Prin. of Understand & Work w/ Families	3		
HUS	1550	Multicultural Perspective in H.S.	3		
*HUS	1820	Counseling & Human Service Practicum I	3		
HUS	2008	Psychotherapy: Theory and Practice	4		
*HUS	2311	Strategies of Behavior Modification	3		
*HUS	2821	Counseling & Human Service Practicum II	3		
*HUS	2822	Counseling & Human Service Practicum III	3		

Total Credits: 65

•**Note:** GEY 1000 and HUS 1001 should be taken in the first semester.

* Prerequisite or corequisite required

This program has transfer agreements with the following

4-year institutions for students who want to continue on

to earn a Bachelor's degree:

- University of South Florida
- St. Leo University
- National-Louis University
- Eckerd College - Program for Experienced Learners

IP - In Progress
 C - Completed Course

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STUDENTS MAY BEGIN PROGRAM IN FALL, SPRING, OR SUMMER
 ("NO LONGER LIMITED ACCESS" AS OF 7/15/04)

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE

◆ ASSOCIATE IN SCIENCE ◆ ASSOCIATE IN APPLIED SCIENCE ◆ 2011/2012

Degree/Program Code AS.HUS.MCS/AAS.HUS.MCS - COUNSELING & HUMAN SERVICES (Maternal and Child Services Option)

This guide does not constitute a contract. It represents the minimum hours and coursework you must complete to satisfy specific degree requirements.

GENERAL EDUCATION REQUIREMENT (19 HOURS)			IP	C
ENC	1101	English Composition I	3	
PSY	2012	General Psychology	3	
SYG	2000	Introduction to Sociology	3	
BSC	1025	Nutrition and Drugs and	3	
BSC	1025L	Nutrition and Drugs Lab	1	
		or		
BSC	1085	Human Anatomy & Physiology I and	3	
BSC	1085L	Human Anatomy & Physiology I Lab	1	
		or		
PCB	1730	Human Reproduction & Inheritance and	3	
PCB	1730L	Human Reproduction & Inheritance Lab	1	
MGF	1119	Introduction to Math with Applications		
		(non-transfer) or	3	
		any General Ed math course (transfer)		

PROGRAM REQUIREMENTS (46 HOURS)			IP	C
CGS	1000	Introduction to Computers & Technology	3	
•HUS	1001	Introduction to Human Services	3	
HUS	1024	Abnormal Behavior	3	
HUS	1111	Interpersonal Skills I H.S.	3	
HUS	1200	Introduction to Group Process	3	
HUS	1406	Etiology/Treatment of Substance Use Disorders	3	
•HUS	1540	Prin of Understand and Work w/ Families	3	
HUS	1550	Multicultural Perspective in H.S.	3	
HUS	2008	Psychotherapy: Theory and Practice	4	
*HUS	2311	Strategies of Behavior Modification	3	
*HUS	2821	Counsel and Human Service Pract II	3	
*HUS	2822	Counsel and Human Service Pract III	3	
HUS	2840	Field Placement in Maternal & Child Serv.	3	
HUS	2541	Work with Families in Early Child Period	3	
HUS	2542	Working with Families in Perinatal Period	3	

Select 3 hours from the following General Education Humanities list:

			IP	C
AML	2010	American Literature I	3	
AML	2020	American Literature II	3	
AML	2600	African-American Literature	3	
ARH	1000	Understanding Visual Art	3	
DAN	2100	Introduction to Dance	3	
ENL	2012	British Literature I	3	
ENL	2022	British Literature II	3	
HUM	2210	World Humanities: Prehist. To Early - Mode	3	
HUM	2230	World Humanities: Early Modern - Contemporary	3	
HUM	2410	Asian Humanities	3	
HUM	2420	African Humanities	3	
HUM	2461	Latin American Humanities	3	
LIT	2110	World Literature I	3	
LIT	2120	World Literature II	3	
MUL	1010	Introduction to Music	3	
PHI	1010	Introduction to Philosophy	3	
PHI	1100	Elementary Logic	3	
PHI	1600	Ethics	3	
REL	2300	Introduction to Religion	3	
THE	1000	Introduction to Theater Arts	3	

Total Credits: 65

•Note: HUS 1001 and HUS 1540 should be taken in the first semester.

* Prerequisite or corequisite required

Students who are interested in this program should contact the Program Manger, Bill Day,

at bdav@hccfl.edu.

IP - In Progress
C - Completed Course

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HEALTH SCIENCE APPLICATION REQUIRED

APPLICATION DEADLINE: MAY 15 FOR FALL (AUGUST) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE

◆ ASSOCIATE IN SCIENCE ◆ ASSOCIATE IN APPLIED SCIENCE ◆ 2011/2012

Degree/Program Code AS.DENT - DENTAL HYGIENE

This guide does not constitute a contract. It represents the minimum hours and coursework you must complete to satisfy specific Associate in Science OR Associate in Applied Science Degree requirements.

PREREQUISITE COURSES (22 HOURS)				IP	C
ENC	1101	English Composition I	3		
BSC	1085	Human Anatomy & Physiology I	3		
BSC	1085L	Human Anatomy & Physiology I Lab	1		
BSC	1086	Human Anatomy & Physiology II	3		
BSC	1086L	Human Anatomy & Physiology II Lab	1		
CHM	1032	Chemistry for Health Sciences	3		
CHM	1032L	Chemistry for Health Sciences Lab	1		
MCB	1000	Microbiology & Human Disease	3		
MCB	1000L	Microbiology & Human Disease Lab	1		
MAC	1105	College Algebra or higher (Transfer) OR	3		
MGF	1106	Math for Liberal Arts I (Non-Transfer)			

Note: ALL pre-requisite courses must be completed prior to the application deadline.

SUPPORTING COURSES (15 HOURS)				IP	C
HUN	2201	Fundamentals of Human Nutrition	3		
PSY	2012	General Psychology	3		
SPC	1608	Public Speaking	3		
SYG	2000	Introduction to Sociology	3		

Select 3 hours from the following General Education

Humanities list:

Humanities list:				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Introduction to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	Wrld Humanities: Prehist. To Early Mod	3		
HUM	2230	Wrld Humanities: Early Mod-Contemp	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities	3		
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

PROGRAM REQUIREMENTS (51 HOURS)				IP	C
DEH	1002	Dental Hygiene Instrumentation	1		
DEH	1002L	Dental Hygiene Instrumentation Lab	2		
DEH	1130	Oral Embryology and History	1		
DEH	1720	Preventive Dentistry	1		
DEH	1800C	Clinical Dental Hygiene I	5		
DEH	1802C	Clinical Dental Hygiene II	3		
DEH	1811	Dental Ethics, Jurisprudence	1		
DEH	2300	Pharmacology & Oral Medicine	2		
DEH	2400	General and Oral Pathology	3		
DEH	2602	Periodontology	2		
DEH	2604	Periodontology II	1		
DEH	2702	Community Dental Health	2		
DEH	2702L	Community Dental Health Practicum	1		
DEH	2804C	Clinical Dental Hygiene III	5		
DEH	2806C	Clinical Dental Hygiene IV	6		
DES	1020C	Oral, Head & Neck Anatomy	2		
DES	1100	Dental Materials	2		
DES	1100L	Dental Materials Lab	1		
DES	1200	Dental Radiology	2		
DES	1200L	Dental Radiology Lab	1		
DES	1800	Introduction to Clinical Procedures	2		
DES	1800L	Introduction to Clinical Procedures Lab	1		
DES	1830C	Expanded Duties/Dental Hygienists	2		
DES	2502	Office Management	1		
DES	2934	Advanced Clinical Procedures	1		

Total Credits: 88

IP - In Progress

C - Completed Course

Note: Supporting courses may be taken in advance or after admission to the program.

*Prerequisite and/or corequisite required. See course descriptions in the current HCC catalog.

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HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN APPLIED SCIENCE ♦ 2011/2012

Degree/Program Code AS/AAS.EMST.TECH - EMERGENCY MEDICAL SERVICES

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific degree requirements.

GENERAL EDUCATION REQUIREMENTS (16 HOURS)

GROUP I COMMUNICATIONS (3 hours) *G				IP	C
ENC	1101	English Composition I	3		

GROUP II HUMANITIES (3 hours) *G				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Intro to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	World Hum: Prehist. To Early Mod.	3		
HUM	2230	Wrld Hum: Early Modern to Contemp.	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities	3		
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

GROUP III MATHEMATICS/SCIENCE (7 hours) *G				IP	C
MAC	1105	College Algebra or	3		
MGF	1106	Mathematics for Liberal Arts I			
BSC	1085	Human Anatomy and Physiology I	3		
BSC	1085L	Human Anatomy and Physiology Lab	1		

GROUP IV SOCIAL SCIENCE (3 hours) *G				IP	C
PSY	2012	General Psychology	3		

PROGRAM REQUIREMENTS (57 HOURS)

				IP	C
*BSC	1086	Human Anatomy & Phy II	3		
*BSC	1086L	Human Anatomy & Phy II Lab	1		
HSC	1220	Intro to Health Sciences	1		
*EMS	1119	Emergency Medical Technician	7		
*EMS	1119L	Emergency Medical Tech Practicum	2		
EMS	1431	Emergency Medical Tech Clinical	1		
EMS	2617C	Assessment-Based Mgmt & Prof	2		
EMS	2621	Paramedic Phase I	7		
EMS	2621L	Paramedic Phase I Practicum	4		
EMS	2622	Paramedic Phase II	8		
EMS	2622L	Paramedic Phase II Practicum	4		
EMS	2623	Paramedic Phase III	6		
EMS	2623L	Paramedic Phase III Practicum	2		
EMS	2666	Paramedic Clinical I	3		
*EMS	2667	Paramedic Clinical II	3		
*EMS	2668	Paramedic Clinical III	3		

Total Credits: 73

Note: This program is for students who complete the EMT & Paramedic Programs. All courses listed must be completed.

IP - In Progress
C - Completed Course

* Prerequisite and/or corequisite required.
See course descriptions in the current HCC catalog.

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HEALTH SCIENCE APPLICATION IS REQUIRED

APPLICATION DEADLINE: FEBRUARY 15 FOR FALL (AUGUST) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN APPLIED SCIENCE ♦ 2011/2012

Degree/Program Code AAS.NMT - NUCLEAR MEDICINE TECH

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific AS or AAS Degree requirements.

PREREQUISITE COURSES (18 HOURS)			IP	C
ENC	1101	Freshman English I	3	
BSC	1085	Human Anatomy & Physiology I	3	
BSC	1085L	Human Anatomy & Physiology I Lab	1	
CHM	1025	Modern Chemistry with Lab	4	
CHM	1025L	or any 4 hr higher level CHM with lab		
**MGF	1119	Intro Math w/Applications or any General Education Math Course	3	
**PHY	1025	Fundamentals of Physics	3	
**PHY	1025L	Fundamentals of Physics Lab	1	

**PHY will be a pre-requisite for students applying for Fall 2013

**MGF requirement will be changing to MAC 1105 as a pre-requisite for students applying for Fall 2013

Note: ALL pre-requisite courses must be completed prior to the application deadline.

SUPPORTING COURSES (10 HOURS)			IP	C
BSC	1086	Human Anatomy & Physiology II	3	
BSC	1086L	Human Anatomy & Physiology II Lab	1	
PSY	2012	General Psychology	3	

Select 3 hours from the following General Education

Humanities list:

AML	2010	American Literature I	3	
AML	2020	American Literature II	3	
AML	2600	African-American Literature	3	
ARH	1000	Understanding Visual Art	3	
DAN	2100	Intro to Dance	3	
ENL	2012	British Literature I	3	
ENL	2022	British Literature II	3	
HUM	2210	World Humanities: Prehistory to Early Modern	3	
HUM	2230	World Humanities: Early Modern to Contemporary	3	
HUM	2410	Asian Humanities	3	
HUM	2420	African Humanities	3	
HUM	2461	Latin American Humanities	3	
LIT	2110	World Literature I	3	
LIT	2120	World Literature II	3	
MUL	1010	Introduction to Music	3	
PHI	1010	Introduction to Philosophy	3	
PHI	1100	Elementary Logic	3	
PHI	1600	Ethics	3	
REL	2300	Introduction to Religion	3	
THE	1000	Introduction to Theater Arts	3	

Note: Supporting courses may be taken in advance or after admission to the program.

PROGRAM REQUIREMENTS (51 HOURS)			IP	C
NMT	1002	Intro to Nuclear Medicine Technology	3	
NMT	1051	Nuclear Medicine Data Analysis	3	
NMT	1103	Introduction to Patient Care	2	
NMT	1312	Radiation Safety & Health Physics	3	
NMT	1534	Nuclear Instrumentation	3	
NMT	1534L	Nuclear Instrumentation Lab	1	
NMT	1613	Nuclear Physics	3	
NMT	1713	Nuclear Medicine Methodology I	4	
NMT	1723	Nuclear Medicine Methodology II	4	
NMT	1804	Nuclear Medicine Practicum I	4	
NMT	1814	Nuclear Medicine Practicum II	4	
NMT	2061	Nuclear Medicine Seminar	3	
NMT	2733	Nuclear Medicine Methodology III	4	
NMT	2824	Nuclear Medicine Practicum III	4	
RTE	1782	Pathology of Medical/Surgical Diseases	3	
RTE	2385	Radiation Biology	3	

Total Credits: 75

IP - In Progress
C - Completed Course

Last saved by nhamilton 10/17/11

NURSING APPLICATION REQUIRED

APPLICATION DEADLINE: JANUARY 15 FOR FALL (AUGUST) ENTRY
APPLICATION DEADLINE: JUNE 1 FOR SPRING (JANUARY) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

◆ ACADEMIC ADVISING GUIDE ◆ ASSOCIATE IN SCIENCE ◆ 2011/2012

Degree/Program Code AS.NUR.NURB-NURSING (ASSOCIATE DEGREE) BASIC STUDENT

This guide does not constitute a contract. It represents the minimum hours and coursework you must complete to satisfy specific Associate in Science Degree requirements.

PREREQUISITE COURSES (21 HOURS) IP C

Course Code	Course Title	Hours	IP	C
ENC 1101	English Composition I	3		
SYG 2000	Introduction to Sociology	3		
BSC 1085	Human Anatomy & Physiology I	3		
BSC 1085L	Human Anatomy & Physiology I Lab	1		
BSC 1086	Human Anatomy & Physiology II	3		
BSC 1086L	Human Anatomy & Physiology II Lab	1		
MCB 1000	Microbiology & Human Disease	3		
MCB 1000L	Microbiology & Human Disease Lab	1		
MAC 1105	College Algebra or higher level math	3		

Note: ALL pre-requisite courses must be completed prior to the application deadline.

PROGRAM REQUIREMENTS (42 HOURS) IP C

Course Code	Course Title	Hours	IP	C
NUR 1213c	Nursing Process I	10		
NUR 1260C	Nursing Process II	10		
NUR 2412C	Nursing Process III	10		
NUR 2243C	Nursing Process IV	10		
NUR 2521C	Mental Health Nursing	2		

IP - In Progress
 C - Completed Course

*Prerequisite and/or corequisite required. See course descriptions in the current HCC catalog.

SUPPORTING COURSES (9HOURS) IP C

ENC 1102	English Composition II	3		
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Select 3 credits from the General Education

Humanities list: IP C

AML 2010	American Literature I	3		
AML 2020	American Literature II	3		
AML 2600	African-American Literature	3		
ARH 1000	Understanding Visual Art	3		
DAN 2100	Introduction to Dance	3		
ENL 2012	British Literature I	3		
ENL 2022	British Literature II	3		
HUM 2210	World Humanities: Prehist. To Early Modern	3		
HUM 2230	World Humanities: Early Mod-Contemp.	3		
HUM 2410	Asian Humanities	3		
HUM 2420	African Humanities	3		
HUM 2461	Latin American Humanities	3		
LIT 2110	World Literature I	3		
LIT 2120	World Literature II	3		
MUL 1010	Introduction to Music	3		
PHI 1010	Introduction to Philosophy	3		
PHI 1100	Elementary Logic	3		
PHI 1600	Ethics	3		
REL 2300	Introduction to Religion	3		
THE 1000	Introduction to Theater Arts	3		

Select 3 credits from the following: IP C

BSC 1025	Nutrition and Drugs	3		
BSC 1025L	Nutrition and Drugs Lab	1		
CHM 1032	Chemistry for Health Sciences	3		
CHM 1032L	Chemistry for Health Sciences Lab	1		
DEP 1004	Developmental Psychology of Life Span	3		
HUN 2201	Fundamentals of Human Nutrition	3		
NUR 1060	Health Assessment	3		
PHI 1600	Ethics	3		
PSY 2012	General Psychology	3		

Note: Supporting courses may be taken in advance or after admission to the program.

Total Credits: 72

Last saved by nhamilton 06/01/09

SUGGESTED GUIDELINE FOR NURSING (AS.NUR.NURB)

An Associate in Science degree that can articulate into a baccalaureate degree is allowed under the provisions of the Florida State Board of Education rule 6A-10.024: Articulation between and among universities, CCs, and school districts. This particular degree program can transfer into the following university degree programs:

AS DEGREE PROGRAM NURSING	UNIVERSITY DEGREE PROGRAM NURSING (# 51.1601)	TOTAL HOURS OF UNIVERSITY PROGRAM Up to 135
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The universities for the 2007/2008 year that are offering the aforementioned university articulated degree programs are as follows:

Florida A & M University*	Nursing	(120 cr. hrs.)
Florida Atlantic University*	Nursing	(120 cr. hrs.)
Florida Gulf Coast University*	Nursing	(124 cr. hrs.)
Florida International University*	Nursing	(124 cr. hrs.)
Florida State University*	Nursing	(124 cr. hrs.)
Indian River Community College	Nursing	(128 cr. hrs.)
MCD	Nursing	(125 cr. hrs.)
St. Petersburg College***	Nursing	(120 cr. hrs.)
University of Central Florida*	Nursing	(124 cr. hrs.)
University of Florida*	Nursing	(124 cr. hrs.)
University of North Florida*	Nursing	(124 cr. hrs.)
University of South Florida*	Nursing	(124 cr. hrs.)
University of West Florida*	Nursing	(135 cr. hrs.)

*Limited Access

***Admission into this program requires official transcripts showing an A.S. Degree in Nursing from a regionally accredited institution or a diploma in nursing accredited by the National League for Nursing. In addition, it requires a copy of a valid, unrestricted, unencumbered RN license from the state in which the applicant is practicing, to be kept current throughout the duration of the required course of study.

The articulated AS in Nursing shall include:

- Eighteen (18) hours of general education, in which six (6) hours must be common prerequisites.
- Twelve (12) hours of additional common prerequisites.
- Forty-two (42) hours in technical courses of which twenty-six to thirty (26-30) will be validated for upper-level credit based upon successful competency demonstration.

The baccalaureate in nursing shall include:

- Twenty nine (29-34) hours in nursing credit.
- Twenty-six to thirty (26-30) hours of AS nursing courses will be validated for upper level credit based upon RN licensure, portfolio review and/or two (2) challenge examinations.

All transferring students must meet the senior-institution admissions requirements (e.g., the foreign language admissions requirements at the senior institution).

NOTE: The following list of common prerequisite courses should be taken at the CC prior to transferring:

BSC 1085 w/lab, BSC 1086 w/lab, CHM 1032 w/lab, DEP 1004, HUN 2201, MCB 2010 w/lab (or any Microbiology w/lab), PSY 2012, STA 2014 (or any Statistics), and SYG 2000.

NURSING APPLICATION IS REQUIRED

APPLICATION DEADLINE: JANUARY 15 - FOR SUMMER (MAY) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

◆ ACADEMIC ADVISING GUIDE ◆ ASSOCIATE IN SCIENCE ◆ 2011/2012

Degree/Program Code AS.NUR.NURT-NURSING (LPN or Paramedic to ADN)

This guide does not constitute a contract. It represents the minimum hours and coursework you must complete to satisfy specific Associate in Science Degree requirements.

PREREQUISITE COURSES (21 HOURS) IP C

Course Code	Course Title	Hours	IP	C
ENC 1101	English Composition I	3		
SYG 2000	Introduction to Sociology	3		
BSC 1085	Human Anatomy & Physiology I	3		
BSC 1085L	Human Anatomy & Physiology I Lab	1		
BSC 1086	Human Anatomy & Physiology II	3		
BSC 1086L	Human Anatomy & Physiology II Lab	1		
MCB 1000	Microbiology & Human Disease	3		
MCB 1000L	Microbiology & Human Disease Lab	1		
MAC 1105	College Algebra or higher level math	3		

Note: ALL pre-requisite courses must be completed prior to the application deadline.

PROGRAM REQUIREMENTS (42 HOURS) IP C

Course Code	Course Title	Hours	IP	C
NUR 1000	Basic Healthcare Concepts	1		
NUR 1213c	Nursing Process I	10		
NUR 1260C	Nursing Process II	10		
*NUR 2413C	Nursing Process III for Transition Option	9		
NUR 2243C	Nursing Process IV	10		
NUR 2521C	Mental Health Nursing	2		

IP - In Progress
C - Completed Course

*Prerequisite and/or corequisite required. See course descriptions in the current HCC catalog.

SUPPORTING COURSES (9 HOURS) IP C

ENC 1102	English Composition II	3		
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Select 3 credits from the General Education

Humanities list:			IP	C
AML 2010	American Literature I	3		
AML 2020	American Literature II	3		
AML 2600	African-American Literature	3		
ARH 1000	Understanding Visual Art	3		
DAN 2100	Introduction to Dance	3		
ENL 2012	British Literature I	3		
ENL 2022	British Literature II	3		
HUM 2210	World Humanities: Prehist. To Early Modern	3		
HUM 2230	World Humanities: Early Mod-Contemp.	3		
HUM 2410	Asian Humanities	3		
HUM 2420	African Humanities	3		
HUM 2461	Latin American Humanities	3		
LIT 2110	World Literature I	3		
LIT 2120	World Literature II	3		
MUL 1010	Introduction to Music	3		
PHI 1010	Introduction to Philosophy	3		
PHI 1100	Elementary Logic	3		
PHI 1600	Ethics	3		
REL 2300	Introduction to Religion	3		
THE 1000	Introduction to Theater Arts	3		

Select 3 credits from the following: IP C

BSC 1025	Nutrition and Drugs	3		
BSC 1025L	Nutrition and Drugs Lab	1		
CHM 1032	Chemistry for Health Sciences	3		
CHM 1032L	Chemistry for Health Sciences Lab	1		
DEP 1004	Developmental Psychology of Life Span	3		
HUN 2201	Fundamentals of Human Nutrition	3		
NUR 1060	Health Assessment	3		
PHI 1600	Ethics	3		
PSY 2012	General Psychology	3		

Note: Supporting courses may be taken in advance or after admission to the program.

Last saved by nhamilton 03/12/10

Total Credits: 72

SUGGESTED GUIDELINE FOR NURSING (AS.NUR.NURT)

An Associate in Science degree that can articulate into a baccalaureate degree is allowed under the provisions of the Florida State Board of Education rule 6A-10.024: Articulation between and among universities, CCs, and school districts. This particular degree program can transfer into the following university degree programs:

AS DEGREE PROGRAM	UNIVERSITY DEGREE PROGRAM	TOTAL HOURS OF UNIVERSITY PROGRAM
NURSING	NURSING (# 51.1601)	Up to 135

The universities for the 2007/2009 year that are offering the aforementioned university articulated degree programs are as follows:

Florida A & M University*	Nursing	(120 cr. hrs.)
Florida Atlantic University*	Nursing	(120 cr. hrs.)
Florida Gulf Coast University*	Nursing	(124 cr. hrs.)
Florida International University*	Nursing	(124 cr. hrs.)
Florida State University*	Nursing	(124 cr. hrs.)
Indian River Community College	Nursing	(128 cr. hrs.)
MCD	Nursing	(125 cr. hrs.)
University of Central Florida*	Nursing	(124 cr. hrs.)
University of Florida*	Nursing	(124 cr. hrs.)
University of North Florida*	Nursing	(124 cr. hrs.)
University of South Florida*	Nursing	(124 cr. hrs.)
St. Petersburg College***	Nursing	(120 cr. hrs.)
University of West Florida*	Nursing	(135 cr. hrs.)

*Limited Access

***Admission into this program requires official transcripts showing an A.S. Degree in Nursing from a regionally accredited institution or a diploma in nursing accredited by the National League for Nursing. In addition, it requires a copy of a valid, unrestricted, unencumbered RN license from the state in which the applicant is practicing, to be kept current throughout the duration of the required course of study.

The articulated AS in Nursing shall include:

- Eighteen (18) hours of general education, in which six (6) hours must be common prerequisites.
- Twelve (12) hours of additional common prerequisites.
- Forty-two (42) hours in technical courses of which twenty-six to thirty (26-30) will be validated for upper-level credit based upon successful competency demonstration.

The baccalaureate in nursing shall include:

- Twenty nine (29-34) hours in nursing credit.
- Twenty-six to thirty (26-30) hours of AS nursing courses will be validated for upper level credit based upon RN licensure, portfolio review and/or two (2) challenge examinations.

All transferring students must meet the senior-institution admissions requirements (e.g., the foreign language admissions requirement at the senior institution).

NOTE; The following list of common prerequisite courses should be taken at the CC prior to transferring:

BSC 1085 w/lab, BSC 1086 w/lab, CHM 1032 w/lab, DEP 1004, HUN 2201, MCB 2010 w/lab (or any Microbiology w/lab), PSY 2012, STA 2014 (or any Statistics) and SYG 2000.

A HEALTH SCIENCE APPLICATION IS **NOT** REQUIRED

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN APPLIED SCIENCE ♦ 2011/2012

Degree/Program Code AS/AAS.OPT - OPTICIANRY

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific degree requirements.

GENERAL EDUCATION REQUIREMENTS (15 HOURS)

GROUP I COMMUNICATIONS (3 HOURS) *G				IP	C
ENC	1101	English Composition I	3		

GROUP II HUMANITIES (3 HOURS) *G				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Intro to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	World Humanities: Prehistory to Early Modern	3		
HUM	2230	World Humanities: Early Modern to Contemporary	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities			
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

GROUP III MATHEMATICS (3 HOURS)				IP	C
MGF	1119	Introduction to Math with Applications	3		
or *any General Education Math Course					

GROUP IV SOCIAL SCIENCE (6 HOURS) *G				IP	C
AMH	1010	Early American History	3		
AMH	1020	Modern American History	3		
ANT	2000	Introduction to Anthropology	3		
EUH	1000	Western World: Early Modern Europe	3		
EUH	1001	Western World: Modern Europe	3		
POS	1001	Introduction to Political Science	3		
POS	2041	American Government	3		
PSY	2012	General Psychology	3		
SYG	2000	Introduction to Sociology	3		

PROGRAM REQUIREMENTS (57 HOURS)				IP	C
OPT	1000	Ophthalmic Orientation	1		
OPT	1155	Ophthalmic Lens I	3		
OPT	1156	Ophthalmic Lens II	3		
OPT	1400L	Ophthalmic Laboratory I	3		
OPT	1430L	Ophthalmic Laboratory II	3		
OPT	1460	Ophthalmic Dispensing I	3		
OPT	1460L	Ophthalmic Dispensing Lab I	3		
OPT	2030	Ophthalmic Board Review	1		
OPT	2204	Anatomy & Physiology of the Eye	3		
OPT	2375	Refractometry	2		
OPT	2375L	Refractometry I Lab	2		
OPT	2376L	Refractometry II Lab	1		
*OPT	2461	Ophthalmic Dispensing II	3		
*OPT	2461L	Ophthalmic Dispensing Lab II	3		
OPT	2463L	Ophthalmic Skills Lab I	2		
*OPT	2500	Contact Lens Theory I	3		
*OPT	2500L	Contact Lens Theory Lab I	2		
*OPT	2501	Contact Lens Theory II	2		
*OPT	2501L	Contact Lens Lab II	2		
OPT	2502L	Contact Lens Lab III	1		
OPT	2800L	Vision Care Clinical I	2		
OPT	2801L	Vision Care Clinical II	2		
OPT	2802L	Vision Care Clinical III	2		
OPT	2803L	Vision Care Clinical IV	2		
OPT	2910	Directed Research	3		

Total Credits: 72

*Prerequisite and/or a co-requisite required. See course descriptions in the current HCC catalog.

G - GORDON RULE COURSE

NOTE: Students must be at college level in all areas to enroll in the opticianry courses. Students may begin this program in the Fall, Spring, or Summer. Contact the program manager, Bill Underwood, at bunderwood@hccfl.edu to schedule an opticianry orientation.

IP - In Progress
C - Completed Course

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN APPLIED SCIENCE ♦ 2011/2012

Degree/Program Code AS/AAS.OPT.MAN - OPTICAL MANAGEMENT TECHNOLOGY

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific AA or AAS Degree requirements

GENERAL EDUCATION REQUIREMENTS (15 HOURS)

GROUP I COMMUNICATIONS (3 hours) *G				IP	C
ENC	1101	English Composition I	3		

GROUP II HUMANITIES (3 hours)				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Intro to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	World Hum: Prehistory To Early Modern	3		
HUM	2230	Wrld Hum: Early Modern to Contemp.	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities	3		
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

GROUP II MATHEMATICS (3 hours)				IP	C
MGF	1119	Intro Math with applications OR any	3		
		*General Education math course			

GROUP III SOCIAL SCIENCE (6 hours) *G				IP	C
AMH	1010	Early American History	3		
AMH	1020	Modern American History	3		
ANT	2000	Introduction to Anthropology	3		
EUH	1000	Western World: Early Modern Europe	3		
EUH	1001	Western World: Modern Europe	3		
POS	1001	Introduction to Political Science	3		
POS	2041	American Government	3		
PSY	2012	General Psychology	3		
SYG	2000	Introduction to Sociology	3		

* Prerequisite and/or corequisite required.
See course descriptions in the current HCC catalog.
G GORDON RULE COURSE

Note: Students must be at college level in all areas to enroll in the Optician courses.

PROGRAM REQUIREMENTS (45 HOURS)

OPTION 1 EXPERIENTIAL CREDIT* (12 hours)				IP	C
OPT	1460	Ophthalmic Dispensing I	3		
OPT	1155	Ophthalmic Lens I	3		
OPT	2461	Ophthalmic Dispensing II	3		
OPT	1156	Ophthalmic Lens II	3		

REQUIRED COURSES:				IP	C
CGS	1107	Introduction to Computers	1		
ECO	2013	Principles of Macroeconomics	3		
FIN	1100	Personal Finance	3		
GEB	1011	Introduction to Business	3		
MAN	1021	Principles of Management	3		
MAR	1011	Principles of Marketing	3		
OPT	1225	Low Vision	3		
OPT	1666	Safety & Sport Vision	3		
OPT	2204	Anatomy & Physiology of the Eye	3		
OPT	2375	Refractometry	2		
OPT	2910	Direct Research	3		
OPT	2375L	Refractometry I Lab	2		
OPT	2376L	Refractometry II Lab	1		

OPTION 2 EXPERIENTIAL CREDIT* (12 hours)				IP	C
OPT	1460	Ophthalmic Dispensing I	3		
OPT	1155	Ophthalmic Lens I	3		
OPT	2461	Ophthalmic Dispensing II	3		
OPT	1156	Ophthalmic Lens II	3		

REQUIRED COURSES:				IP	C
CGS	1000	Intro to Computers & Tech.	3		
ECO	2013	Principles of Macroeconomics	3		
ECO	2023	Principles of Microeconomics	3		
FIN	1100	Personal Finance	3		
GEB	1011	Introduction to Business	3		
MAN	1021	Principles of Management	3		
MAR	1011	Principles of Marketing	3		
OPT	1666	Safety & Sport Vision	3		
OPT	2204	Anatomy & Physiology of the Eye	3		
OPT	2910	Direct Research	3		
OPT	2800L	Vision Care Clinical I	2		
SPC	1006	Speech Improvement	1		

Experiential Credit: College credit is awarded to those students who provide the College with documentation verifying licensure in the appropriate field of study. Students must obtain approval from the appropriate campus dean and pay a \$15 processing fee.

Total Credits: 60

IP - In Progress
C - Completed Course

HEALTH SCIENCE APPLICATION IS REQUIRED

APPLICATION DEADLINE: FEBRUARY 15 FOR FALL (AUGUST ENTRY)

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN APPLIED SCIENCE ♦ 2011/2012

Degree/Program Code AS.RAT.GEN - RADIATION THERAPY

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific Associate in Science or Associate in Applied Science Degree requirements.

PREREQUISITE COURSES (13 HOURS)				IP	C
ENC	1101	English Composition I	3		
PSY	2012	General Psychology	3		
BSC	1085	Human Anatomy & Physiology I	3		
BSC	1085L	Human Anatomy & Physiology I Lab	1		
MAC	1105	College Algebra OR Higher	3		

Note: ALL pre-requisite courses must be completed prior to the application deadline.

SUPPORTING COURSES (10 HOURS)				IP	C
ENC	1102	English Composition II	3		
BSC	1086	Human Anatomy & Physiology II	3		
BSC	1086L	Human Anatomy & Physiology II Lab	1		

Select 3 hours from the following General Education

Humanities list:

Humanities list:				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Introduction to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	World Humanities: Prehist. To Early Mod	3		
HUM	2230	World Hum: Early Modern to Contemp.	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities	3		
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

Note: Supporting courses may be taken in advance or after Admission to the program.

PROGRAM REQUIREMENTS (54 HOURS)				IP	C
RAT	1614	Radiation Therapy Physics I	2		
RAT	1618	Radiation Therapy Physics II	2		
RAT	1800	Introduction to Radiation Therapy Clinic I	2		
RAT	1810	Introduction to Radiation Therapy Clinic II	2		
RAT	2001C	Introduction to Radiation Therapy	2		
RAT	2021	Radiation Therapy Treatment Planning	3		
RAT	2023	Principles & Practices of Radiation Therapy I	3		
RAT	2061	Radiation Therapy Seminar	2		
RAT	2242	Principles & Practices of Radiation Therapy II	4		
RAT	2303	Psychosocial Aspects in Oncology	2		
RAT	2619L	Comp. Applications in Treatment Plan 2	2		
RAT	2620	Radiation Therapy Physics III	3		
RAT	2621	Radiation Therapy Physics IV	2		
RAT	2804	Radiation Therapy Clinic I	3		
RAT	2814	Radiation Therapy Clinic II	3		
RAT	2824	Radiation Therapy Clinic III	3		
RAT	2901	Simulation Lecture I	1		
RAT	2901L	Simulation Lab I	1		
RAT	2902	Simulation Lecture II	1		
RAT	2902L	Simulation Lab II	1		
RTE	1157	Medical Imaging of Human Structure	3		
RTE	1782	Pathology of Medical/Surgical Diseases	3		
RTE	2385	Radiation Biology	3		
RTE	2473L	Quality Assurance	1		

Total Credits: 77

Note: All graduates of this AS degree program will be eligible for admission into the University of South Florida Bachelor of Science in Applied Science (BSAS) degree program.

IP - In Progress
C - Completed Course

HEALTH SCIENCE APPLICATION REQUIRED

APPLICATION DEADLINE: FEBRUARY 15 FOR ALL FALL (AUGUST) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN SCIENCE ♦ 2011/2012

Degree/Program Code AS.RTE - RADIOGRAPHY

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific Associate in Science Degree requirements.

PREREQUISITE COURSES (13 HOURS)				IP	C
ENC	1101	English Composition I	3		
PSY	2012	General Psychology	3		
BSC	1085	Human Anatomy & Physiology I	3		
BSC	1085L	Human Anatomy & Physiology I Lab	1		
MAC	1105	College Algebra or higher	3		
(Liberal Arts math or statistics courses are not accepted)					

Note: ALL pre-requisite courses must be completed prior to the application deadline.

SUPPORTING COURSES (10 HOURS)				IP	C
BSC	1086	Human Anatomy & Physiology II	3		
BSC	1086L	Human Anatomy & Physiology II Lab	1		
CGS	1000	Introduction to Computers & Technology	3		

Select 3 hours from the following General Education

Humanities list:				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Intro to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	World Humanities: Prehistory to Early Modern	3		
HUM	2230	World Humanities: Early Modern to Contemporary	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities			
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

Note: Supporting courses may be taken in advance or after admission to the program.

PROGRAM REQUIREMENTS (54 HOURS)				IP	C
HSC	1220	Introduction to Health Sciences	1		
RTE	1000	Introduction to Radiologic Technology	1.5		
RTE	1111	Introduction to Radiography Patient Care	1.5		
RTE	1308	Radiation Protection & Safety	2		
RTE	1418	Principles of Radiographic Exposure I	3		
RTE	1418L	Exposure Lab	1		
RTE	1457	Principles of Radiographic Exposure II	1		
RTE	1503	Radiographic Positioning I	3		
RTE	1503L	Radiographic Positioning I Lab	1		
RTE	1513	Radiographic Positioning II	3		
RTE	1513L	Radiographic Positioning II Lab	1		
RTE	1523	Radiographic Positioning III	3		
RTE	1523L	Radiographic Positioning III Lab	1		
RTE	1607	Radiographic Science Principles	1		
RTE	1613	Radiographic Physics I	3		
RTE	1782	Pathology of Medical/Surgical Diseases	3		
RTE	1800	Introduction to Radiography Practicum	2		
RTE	1804	Radiography Practicum I	3		
RTE	1814	Radiography Practicum II	3		
RTE	1824	Radiography Practicum III	3		
RTE	2061	Radiographic Seminar	2		
RTE	2385	Radiation Biology	3		
RTE	2473L	Quality Assurance	1		
RTE	2563	Special Radiographic Procedures	2.5		
RTE	2834	Radiography Practicum IV	3		
RTE	2844	Radiography Practicum V	1.5		

Total Credits: 77

IP - In Progress
C - Completed Course

A HEALTH SCIENCE APPLICATION IS **NOT** REQUIRED

This program is for students who are already ARRT certified.

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN SCIENCE ♦ 2011/2012

Degree/Program Code AS.RTE.ARRT AMERICAN REGISTRY OF RADIOGRAPHIC TECHNOLOGISTS OPTION

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific Associate in Science Degree requirements.

GENERAL EDUCATION REQUIREMENTS (15 HOURS)				IP	C
ENC	1101	English Composition I	3		
ENC	1102	English Composition II	3		
PSY	2012	General Psychology	3		
		General Education Mathematics	3		

Select 3 hours from the following General Education

Humanities list:

Humanities list:				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Intro to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	World Humanities: Prehistory to Early Modern	3		
HUM	2230	World Humanities: Early Modern to Contemporary	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities	3		
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

PROGRAM REQUIRED COURSES (8 HOURS)				IP	C
CGS	1107	Introduction to Computers	1		
PHY	1025	Fundamentals of Physics and	3		
PHY	1025L	Fundamentals of Physics Lab or (higher level physics with lab)	1		
SPC	1006	Speech Improvement	1		
		Electives	2		

Note: Supporting courses may be taken in advance or after admission to the program.

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PROGRAM REQUIREMENTS (54 HOURS)				IP	C
RTE	1000	Introduction to Radiologic Technology	1.5		
RTE	1111	Intro to Radiography Patient Care	1.5		
RTE	1308C	Radiation Protection & Safety	2		
RTE	1418	Principles of Radiographic Exposure I	3		
RTE	1418L	Exposure Lab	1		
RTE	1457	Principles of Radiographic Exposure II	1		
RTE	1503	Radiographic Positioning I	3		
RTE	1503L	Radiographic Positioning I Lab	1		
RTE	1513	Radiographic Positioning II	3		
RTE	1513L	Radiographic Positioning II Lab	1		
RTE	1523	Radiographic Positioning III	3		
RTE	1523L	Radiographic Positioning III Lab	1		
RTE	1607	Radiographic Science Principles	1		
RTE	1613	Radiographic Physics I	3		
RTE	1782	Pathology of Medical/Surgical Diseases	3		
RTE	1800	Introduction to Radiography Practicum	3		
RTE	1804	Radiography Practicum I	3		
RTE	1814	Radiography Practicum II	3		
RTE	1824	Radiography Practicum III	3		
RTE	2061	Radiographic Seminar	2		
RTE	2385	Radiation Biology	3		
RTE	2473L	Quality Assurance	1		
RTE	2563	Special Radiographic Procedures	2.5		
RTE	2834	Radiography Practicum IV	3		
RTE	2844	Radiography Practicum V	1.5		

Total Credits: 76

IP - In Progress
C - Completed Course

Note: All graduates of this program who take general education math will be eligible for admission into the University of South Florida Bachelor of Science in Applied Science (BSAS) Degree program.

•Students interested in this program should contact the Program Manager, Beth Wyckoff, at bwyckoff@hccfl.edu for more information.

A HEALTH SCIENCE APPLICATION IS REQUIRED

APPLICATION DEADLINE: MAY 15 FOR ALL FALL (AUGUST) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN APPLIED SCIENCE ♦ 2011/2012

Degree/Program Code AAS.RET - RESPIRATORY CARE

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific degree requirements.

PREREQUISITE COURSES FOR ADMISSION (21 HOURS)				IP	C
ENC	1101	English Composition I	3		
PSY	2012	General Psychology	3		
BSC	1085	Human Anatomy and Physiology I	3		
BSC	1085L	Human Anatomy and Physiology I Lab	1		
*BSC	1086	Human Anatomy & Physiology II	3		
*BSC	1086L	Human Anatomy & Physiology II Lab	1		
*MCB	1000	Microbiology & Human Disease	3		
*MCB	1000L	Microbiology & Human Disease Lab	1		
**MGF	1119	Intro Math w/Applications (non transfer)			
		or any General Ed. Math Course (trans)	3		

**Math will change to MAC 1105 as Pre-requisite starting Fall 2012

Note: Prerequisites must be completed by the application deadline date.

HUMANITIES (3 Hours Gen ed)				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Intro to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	Wrld Humanities: Prehistory to Early Mod	3		
HUM	2230	Wrld Humanities: Early Mod to Contemp	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities			
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

Note: Supporting courses may be taken in advance or after admission to the program.

PROGRAM REQUIREMENTS (52 HOURS)			IP	C
*EMS	2551C	Advanced Cardiac Life Support	2	
RET	1024C	Introduction to Respiratory Care	8	
RET	1274C	Basic Respiratory Care	6	
RET	1350	Pharmacology for Respiratory Care	3	
RET	1503	Cardiopulmonary Pathophysiology	3	
RET	1832	Respiratory Care Clinic I	2	
RET	1833	Respiratory Care Clinic II	1	
RET	2264C	Principles of Mechanical Vent	5	
RET	2283	Respiratory Intensive Care	3	
RTE	2413C	Pulmonary Diagnostics	2	
RET	2533C	Advanced Respiratory Care	6	
RET	2714C	Pediatrics & Neonatal Resp. Care	3	
RET	2834	Respiratory Care Clinic III	2	
RET	2835	Respiratory Care Clinic IV	2	
RET	2836	Respiratory Care Clinic V	1	
RET	2930	Respiratory Care Seminar	3	

Total Credits: 76

IP - In Progress
C - Completed Course

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A HEALTH SCIENCE APPLICATION IS REQUIRED

APPLICATION DEADLINE: FEBRUARY 15 FOR SUMMER (MAY) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN APPLIED SCIENCE ♦ 2011/2012

Degree/Program Code AAS.RET.TRAN - RESPIRATORY CARE - TRANSITION

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific AS Degree requirements. Additional preparatory courses may be necessary in reading, English, or mathematics, depending on your placement test scores. You must see an advisor or counselor your first term to determine which preparatory courses are required and to determine if any program revisions have occurred.

PREREQUISITE COURSES FOR ADMISSION (24 HOURS)			IP	C
ENC	1101	English Composition I	3	
PSY	2012	General Psychology	3	
BSC	1085	Human Anatomy & Physiology I	3	
BSC	1085L	Human Anatomy & Physiology I Lab	1	
BSC	1086	Human Anatomy & Physiology II	3	
BSC	1086L	Human Anatomy & Physiology II Lab	1	
MCB	1000	Microbiology & Human Disease	3	
MCB	1000L	Microbiology & Human Disease Lab	1	
MAC	1105	College Algebra	3	
		Gen ed Humanities (see list below)	3	

PROGRAM REQUIREMENTS (29 HOURS)			IP	C
*EMS	2551C	Advanced Cardiac Life Support	2	
RET	2264C	Principles of Mechanical Ventilation	5	
RET	2283	Respiratory Intensive Care	3	
RTE	2413C	Pulmonary Diagnostics	2	
RET	2533C	Advanced Respiratory Care	6	
RET	2714C	Pediatrics & Neonatal Resp. Care	3	
RET	2834	Respiratory Care Clinic III	2	
RET	2835	Respiratory Care Clinic IV	2	
RET	2836	Respiratory Care Clinic V	1	
RET	2930	Respiratory Care Seminar	3	

Note: Proof of CRT must be provided prior to applying.

The following General Education Humanities list:

The following General Education Humanities list:			IP	C
AML	2010	American Literature I	3	
AML	2020	American Literature II	3	
AML	2600	African-American Literature	3	
ARH	1000	Understanding Visual Art	3	
DAN	2100	Intro to Dance	3	
ENL	2012	British Literature I	3	
ENL	2022	British Literature II	3	
HUM	2210	World Hum: Prehistory to Early Modern	3	
HUM	2230	World Humanities: Early Modern to Cont	3	
HUM	2410	Asian Humanities	3	
HUM	2420	African Humanities	3	
HUM	2461	Latin American Humanities		
LIT	2110	World Literature I	3	
LIT	2120	World Literature II	3	
MUL	1010	Introduction to Music	3	
PHI	1010	Introduction to Philosophy	3	
PHI	1100	Elementary Logic	3	
PHI	1600	Ethics	3	
REL	2300	Introduction to Religion	3	
THE	1000	Introduction to Theater Arts	3	

EXPERIENTIAL CREDIT AWARDED (23 HOURS)			IP	C
RET	1024C	Introduction to Respiratory Care	8	
RET	1274C	Basic Respiratory Care	6	
RET	1350	Pharmacology for Respiratory Care	3	
RET	1503	Cardiopulmonary Pathophysiology	3	
RET	1832	Respiratory Care Clinic I	2	
RET	1833	Respiratory Care Clinic II	1	

Total Credits: 76

Students must apply for degree by deadline date
(see catalog for further details).

Students who are interested in this program should contact the Program Manager, Rich Palma, at rpalma@hccfl.edu.

IP - In Progress
C - Completed Course

*Prerequisite and/or corequisite required. See course descriptions in the current HCC catalog.

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HEALTH SCIENCE APPLICATION IS REQUIRED

APPLICATION DEADLINE: FEBRUARY 15 FOR FALL (AUGUST) ENTRY

HILLSBOROUGH COMMUNITY COLLEGE

ACADEMIC ADVISING GUIDE ♦ ASSOCIATE IN SCIENCE ♦ 2011/2012

Degree/Program Code AS.SON/AAS.SON - DIAGNOSTIC MEDICAL SONOGRAPHY TECHNOLOGY

This guide does not constitute a contract. It represents the minimum hours and course work you must complete to satisfy specific AS or AAS Degree requirements.

PREREQUISITE COURSES (14 HOURS)				IP	C
ENC	1101	English Composition I	3		
BSC	1085	Human Anatomy & Physiology I	3		
BSC	1085L	Human Anatomy & Physiology I Lab	1		
PHY	1025	Fundamentals of Physics	3		
PHY	1025L	Fundamentals of Physics Lab	1		
		General Education Math Course	3		

Note: ALL pre-requisite courses must be completed prior to the application deadline.

***Students must interview with the Sonography program manager, Louis Gomez, by the application deadline date. He can be contacted by email at**

SUPPORTING COURSES (10 HOURS)				IP	C
BSC	1086	Human Anatomy & Physiology II	3		
BSC	1086L	Human Anatomy & Physiology II Lab	1		
PSY	2012	General Psychology	3		

Select 3 hours from the following General Education

Humanities list:

Humanities list:				IP	C
AML	2010	American Literature I	3		
AML	2020	American Literature II	3		
AML	2600	African-American Literature	3		
ARH	1000	Understanding Visual Art	3		
DAN	2100	Intro to Dance	3		
ENL	2012	British Literature I	3		
ENL	2022	British Literature II	3		
HUM	2210	World Humanities: Prehistory to Early Modern	3		
HUM	2230	World Humanities: Early Modern to Contemporary	3		
HUM	2410	Asian Humanities	3		
HUM	2420	African Humanities	3		
HUM	2461	Latin American Humanities			
LIT	2110	World Literature I	3		
LIT	2120	World Literature II	3		
MUL	1010	Introduction to Music	3		
PHI	1010	Introduction to Philosophy	3		
PHI	1100	Elementary Logic	3		
PHI	1600	Ethics	3		
REL	2300	Introduction to Religion	3		
THE	1000	Introduction to Theater Arts	3		

Note: Supporting courses may be taken in advance or after admission to the program.

PROGRAM REQUIREMENTS (48 HOURS)				IP	C
RTE	1782	Pathology of Medical/Surgical Diseases	3		
SON	1000	Basic Sonography	3		
SON	1053	Sonographic Imaging of Medical/Surgical Diseases	1		
SON	1100	Sonographic Scanning Protocol I	1		
SON	1101	Sonographic Scanning Protocol II	1		
SON	1210	Introduction to Sonographic Physics and Instrumentation	3		
SON	1311	Introduction to Sonographic Cross Sectional Anatomy I	1		
SON	1312	Introduction to Sonographic Cross Sectional Anatomy III	1		
SON	1313	Introduction to Sonographic Cross Sectional Anatomy III	1		
SON	1804C	Introduction to Practicum I	2		
SON	1840	Introduction to Practicum II	1		
SON	1850	Introduction to Practicum III	1		
SON	2061	Seminar in Sonography	3		
SON	2111	Abdominal Sonography I	3		
SON	2112	Abdominal Sonography II	3		
SON	2121	Obstetrics & Gynecology in Sonography I	4		
SON	2122	OB and GYN in Sonography II	3		
SON	2211	Sonographic Physics and Instrumentation	3		
SON	2211L	Sono. Physics & Instrumentation Lab	1		
SON	2814	Sonographic Clinical Practicum I	3		
SON	2824	Sonographic Clinical Practicum II	3		
SON	2834	Sonographic Clinical Practicum III	3		

Total Credits: 72

Note: All graduates of this AS degree program shall be granted admission into the Health Sciences baccalaureate degree program at the University of North Florida.

IP - In Progress
C - Completed Course

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