SECTION	CATALOG PDF PAGE NO.	EFFECTIVE 01/01/2013

Career Training p. 56-58 **Business**

Added new certificate program: Entrepreneurship

Entrepreneurship Certificate (26 credits)

This certificate is designed to provide students with an entrepreneurial mindset and the business skills to create a sustainable venture.

ACCT 101	Practical Account I (*may substitute ACCT& 201*)	5
BUS 140	Marketing and Business Development	5
BUS 160	Small Business Entrepreneurship	5
BUS 295	Entrepreneurial and Innovative Mindset	5
IT 257	Social Media	3
LOG 112	Importing and Exporting	3

Career Training p. 63-64 **Health Information Management**

Program changes including two new certificates

Effective spring quarter 2013 students registering for this program will choose one of two certificate tracks leading towards the AAS degree. The program's structure is progressive, with a choice between two one-year certificates leading directly to an Associate of Applied Science degree in Health Information Management. Students must complete either the Medical Reimbursement Specialist certificate or the Physician Practice Manager certificate to progress into the Associate of Applied Sciences degree program.

Tacoma Community College offers several options for professional career development in Health Information Management: the Health Information Management (HIM) Associate of Applied Science degree, the Medical Reimbursement Specialist certificate, and the Physician Practice Manager certificate. Degree and certificate program entry occurs in fall and spring on a space available basis. There is no formal application process.

Students must progress in a pre-determined order as noted below. See program chair for specific information regarding which quarters classes are offered.

TCC's HIM program is accredited by the Commission on the Accreditation for Health Informatics and Information Management (CAHIIM). Skills students acquire in this program are outlined in the AHIMA Associate Degree Entry-Level Competencies for the profession (http://www.cahima.org).

Program Learning Outcomes

Upon successful completion of the AAS degree in Health Information Management students will:
- Apply the American Health Information Management Association (AHIMA) Entry Level Competencies (ELC) Domain I: Health Data Management (COK, COM, CRT, IIT, RES)
- Apply the AHIMA ELC Domain II: Health Statistics, Biomedical Research, and Quality Management (COK, COM, CRT, IIT)
- Apply the AHIMA ELC Domain II: Health Services Organization and Delivery (COK, COM, CRT, IIT, RES)
- Apply the AHIMA ELC Domain IV: Information Technology & Systems (COK, CRT, IIT, RES)
- Apply the AHIMA ELC Domain V: Organizational Resources (COK, COM, CRT, LWC, RES)
- Apply the AHIMA ELC Biomedical Sciences (COK, CRT, IIT)
- Apply knowledge-based research techniques (CRT, IIT)
- Prepare effective written and oral communication (COM)
- Use common software applications in the performance of Health Information Technology functions. (IIT)
- Apply and promote ethical standards of practice (RES)

SECTION	CATALOG PDF PAGE NO.		EFFECTIVE 01/01/2013

Program Requirements

The degree and certificate programs are offered in a full online format. Students are required to have 24/7 internet access with reliable computer hardware and software. For more information see www.tacomacc.edu/onlineclasses/computerrequirements. Students must be familiar with and comfortable using computers. Those who need remedial computer training should take TCC's CU 100 course (2 credits) prior to program entry. Students are required to use Microsoft Office programs, specifically Word and PowerPoint. Those who are uncomfortable with either of these applications should take CU 102 Word I (2 credits) and/or CU 104 PowerPoint (1 credit) prior to program entry.

Professional Practice Experience internships for the program, "Capstone" courses, will require:
- Criminal and federal fraud background checks
- Health insurance
- Immunizations
- Vehicle insurance (where applicable)
- 40-80 hours of in person, on site clinical visitations

Prerequisites

All prerequisite courses must be completed before beginning the HIM certificate and degree core courses. All of the prerequisite courses must be completed with a grade of "C" or better and within two attempts before HIM core courses can be started. There is a 10-year time limit for all math and science courses.

BIOL& 175	Human Biology w/lab	5
ENGL& 101	English Composition I	5
BUS 110	Business Math	5

Medical Reimbursement Specialist (47 credits)

The Medical Reimbursement Specialist (MRS) (formerly known as Medical Billing Specialist) certificate may prepare students for employment as medical billers, patient account representatives, medical claims reviews, outpatient coding, and a variety of other medical support positions. Training includes the business and administrative requirements of health care. Successful completers will acquire a general knowledge of the healthcare field with a focus on understanding and coding medical diagnoses and procedures (ICD-10-CM, CPT, HCPCS) and to bill accurately, ethically and assertively to optimize provider reimbursement. This program will provide the tools to be a valuable resource to the physician's office, large group practices, ambulatory surgery centers, and insurance and managed care providers. Students who complete this certificate can move directly into the 4th Quarter of the HIM AAS degree.

There are two tracks to the Medical Reimbursement Specialist certificate. Students will pick one area of interest.
- Insurance and Claims - students completing this track will be able to handle all components of claims processing including management of disputed, rejected, and delayed claims. Students completing this track will have the opportunity to sit for the credential exam for the Certified Medical Reimbursement Specialist (CMRS).
- Outpatient Coding - students completing this track will be eligible to sit for additional credentials to include Certified Professional Coder (CPC), or Certified Coding Specialist – Physician based (CCS-P

Medical Reimbursement Specialist Core Courses

1st Quarter

Orientation to the HIM Program		
CU 103	Excel I	3
HIM 105	Comprehensive Medical Terminology	5
HIM 110	Healthcare Delivery Systems	5
HIM 125	Record Standards and Content I	5

2nd Quarter

HIM 141	Outpatient Diagnostic Coding	2
HIM 142	Outpatient Reimbursement	4
HIM 160	Pathology of Disease	5
HIM 216	CPT Coding	5

3rd Quarter

CU 110	Access I	2
HIM 195	Legal/Ethics	3

Choose one elective (5 credits) from either:

HIM 151	Insurance/Claims Processing	5
or HIM 152	Advanced Outpatient Coding	5

Choose the appropriate clinical based on your elective:

HIM 185	Medical Reimbursement Clinical	3
or HIM 186	Outpatient Coding Clinical	3

Physician Practice Management (47 credits)

The Physician Practice Management (PPM) (formerly known as Medical Office Assistant) certificate may prepare students for employment in entry-level clerical or administrative positions in a physician's office, clinic or other outpatient related health care agency. Duties may include managing the revenue cycle, compliance regulations, human resources, health information, and general business processes. Physician Practice Managers should have a good understanding of:
- Health care business process, workflow, and reform
- Fraud, abuse, and corporate compliance
- Quality in health care
- Medical office accounting, physician reimbursement, and revenue cycle management
- Human resource management
- Marketing and business relationships
- HIPAA and data security
- Health IT, EMRs, and health information exchange

After completion of this certificate, students will be eligible to sit for the Certified Physician Practice Manager (CPPM), credential through the American Academy of Professional Coders. Students who complete this certificate can move directly into the 4th Quarter of the HIM AAS degree.

Physician Practice Management Core Courses

1st Quarter

Orientation to the HIM Program		
CU 103	Excel I	3
HIM 105	Comprehensive Medical Terminology	5
HIM 110	Healthcare Delivery Systems	5
HIM 125	Record Standards and Content I	5

2nd Quarter

HIM 141	Outpatient Diagnostic Coding	2
HIM 142	Outpatient Reimbursement	4
HIM 160	Pathology of Disease	5
HIM 216	CPT Coding	5

3rd Quarter

CU 110	Access I	2
HIM 195	Legal/Ethics	3
HIM 153	Outpatient Management Procedures	5
HIM 187	Physician Practice Management Clinical	3

Associate in Applied Sciences Degree (106 Credits)

Students must complete a certificate in either the Medical Reimbursement Specialist or Physician Practice Manager to progress into the Associate of Applied Sciences degree program.

The HIM AAS degree program provides a combination of medical knowledge and business applications. TCC's program prepares students for employment in hospitals, ambulatory health care facilities, physician practices, skilled nursing facilities, and state or federal health agencies.

Successful graduates of the AAS degree are eligible to write the national certification exam for Health Information Technicians sponsored by the American Health Information Management Association (AHIMA). Upon passing this exam, graduates will receive the Registered Health Information Technician (RHIT) credential from AHIMA, which are recognized nationally by health care institutions. Prospective students are encouraged to visit the AHIMA careers web site and job map (http://hicareers.com/) to view career opportunities and extensive resources available in the profession.

Degree completion and successfully obtaining the RHIT credential may provide the opportunity to enter a 2+2 Health Information Administration program at the university level and become eligible to sit for the Registered Health Information Administrator (RHIA) credential from AHIMA. Students who wish to transfer to four-year colleges and universities should work closely with their TCC advisor and contact their transfer institution to determine transfer requirements.

4th Quarter

HIM 150	Pharmacology	2
HIM 215	Information and Communication Technologies	5
HIM 220	Inpatient Coding	5
HIM 225	Record Content and Standards II	5

5th Quarter

HIM 241	Data Quality and Healthcare Statistics	5
HIM 245	Advanced Coding	3
HIM 210	Inpatient Reimbursement	4
IT 230	Project Management	2

SECTION	CATALOG PDF PAGE NO.	EFFECTIVE 01/01/2013

6th Quarter

HIM 222	Alternate Care Sites	3
HIM 254	HIM Capstone	3
HIM 255	HIM Professional Practice Experience	3

Choose one elective (5 credits) from either:

HIM 151	Insurance/Claims Processing	5
or HIM 152	Advanced Outpatient Coding	5
or HIM 153	Outpatient Management Procedures	5

Career Training	p. 67-69	**Medical Office Professional**
		Program changes

Winter quarter 2013 will be the last quarter students can register into the following programs. Effective spring quarter 2013 students interested in medical office will be referred to the Health Information Management program.
- Medical Office Clerk (certificate)
- Medical Office Assistant (certificate)
- Medical Office Professional (AAS degree)

Also effective spring quarter 2013, the Medical Office Clerk and Medical Registration & Admissions Specialist certificates will be combined into one 30-credit certificate known as the Medical Registration & Admissions Specialist and will be offered at the Gig Harbor Campus. This same certificate will be offered on the main campus as an I-BEST program.

Career Training	p. 70-71	**Networking & Convergence Technologies**
		Revised certificate: Network Administration and Support

Network Administration and Support Certificate (20 credits)

(20 credits or if in the AAS degree track a total of 59-credits after first completing the Help Desk and Technical Support certificates)

Prepares students to perform entry-level network administration tasks on both local and wide area networks.

Although certificates in the Networking & Convergence Technologies program may be taken independently, students with the intent of completing their AAS degree in Networking & Convergence Technologies must complete certificates in sequence or have equivalent work experience as determined by the program chair before completing this certificate.

IT 247	IT Project Management	5
IT 270	Service and Support Fundamentals	5
IT 271	Internetworking	5
IT 280	Advanced Networking Technologies	5

Career Training   p. 70-71   **Networking & Convergence Technologies**

Added new certificate: Application Support Specialist

Application Support Specialist Certificate (49 credits)

This certificate is designed to prepare students in the use and support of software applications. Success completion of the certificate prepares students for an entry-level position, upgrading their role in an organization, or to further their education.

Program Admission Requirements

To enter the program students must meet the following requirements:
- Assessment above MATH 075 or completion of MATH 075 with a "C" or higher
- Assessment at college-level English or completion of ENGL 095 with a "C" or higher
- Assessment at college-level reading or completion of READ 095 with a "C" or higher
- Completion of CU 100 with a "C" or higher, or instructor permission

BUS 102	Customer Service	2
BUS 110	Business Math	5
BUS 164	Leadership and Human Relations	5
BUS 280	Career Readiness Skills	2
CMST& 101	Introduction to Communication	5
CU 101	Web-enabled Learning and Communication	2
CU 104	PowerPoint	1
CU 105	Word I, Excel I	5
CU 108	Outlook	2
CU 110	Access I	2
CU 202	Word II	3
CU 203	Excel II	3
CU 210	Access II	3
ENGL& 101	English Composition I	5
IT 112	Help Desk Operations	2
IT 230	Introduction to Project Management	2

Transitional Studies   p. 86   **ADD THE FOLLOWING NEW COURSE:**

Adult Basic Education - **ABE 056**
ABE Math Vocabulary (2 credits)

This 2-credit course can supplement or replace ABE 035-036. The focus is on developing necessary reading comprehension and vocabulary directly related to math. Vocabulary, word problems and reading strategies will be selected from current math textbooks. Topics will include: whole numbers, fractions, decimals, percents, ratios, geometry, introductory algebra, data and statistics concepts.
Prerequisite: Instructor recommendation. Recommended Preparation: ABE 034 or CASAS score of 230 or higher in math.

Credit Course Desc. | **ADD THE FOLLOWING NEW COURSES:**

p. 119   Health Information Management - **HIM 105**

Comprehensive Medical Terminology (5 credits)

Comprehensive study of roots, prefixes, suffixes, principles of word building, study of diagnostic, operative, and symptomatic terms of body system with emphasis on accurate spelling and pronunciation of all medical terms; study of medical abbreviations, eponyms, clinical laboratory and radiology terminology. This course is intended for Health Information Management or Medical Office students. Taking both HIM 130 and HIM 131 is equivalent to HIM 105.

> *Prerequisite: ENGL& 101 with a minimum grade of C and*
> *BUS 110 with a minimum grade of C and*
> *BIOL& 175 with a minimum grade of C*

P. 121   Health Information Management - **HIM 142**

Outpatient Finance Reimbursement and Revenue Cycle (4 credits)

This course will introduce the student to the basic concepts, input, support, maintenance, and monitoring of the complex interdepartmental charge, finance, and USA third party reimbursement structures required of outpatient service departments.

> *Prerequisite: BUS 110 with a minimum grade of C and*
> *HIM 141 with a minimum grade of C or concurrent enrollment and*
> *HIM 216 with a minimum grade of C or concurrent enrollment*

p. 121   Health Information Management - **HIM 150**

Pharmacology for Health Information Management (2 credits)

This is an introductory course in pharmacology for health care personnel to include terminology, drug classification and usage. This course emphasizes the clinical application of medications and treatment of disease.

> *Prerequisite: HIM 160 with a minimum grade of C*

p. 121   Health Information Management - **HIM 151**

Insurance Claims Processing (5 credits)

This course is designed to introduce information about major insurance programs and federal healthcare legislation, provide a basic knowledge of national diagnosis and procedural coding systems, and learn to simplify the process of completing claims.

> *Prerequisite: HIM 142 with a minimum grade of C*

p. 121   Health Information Management - **HIM 152**

Advanced Outpatient Coding (5 credits)

An advanced coding course applying both ICD-10-CM and CPT to the more difficult sections of the coding systems. Course includes extensive advanced practice using coding exercises and abstracted medical records in a virtual environment.

> *Prerequisite: HIM 142 with a minimum grade of C*

p. 121   Health Information Management - **HIM 153**

Healthcare Office Management and Leadership (5 credits)

This course will prepare students for oversight duties in a healthcare office, to include managing the revenue cycle, compliance regulations, human resources, health information, and general business processes.

> *Prerequisite: HIM 142 with a minimum grade of C*

| | p. 121 | Health Information Management - **HIM 185** |
| | | Medical Reimbursement Specialist Clinical (3 credits) |

Students will apply skills and knowledge acquired in previous courses to medical reimbursement settings in the community.

Prerequisite: HIM 151 with a minimum grade of C or concurrent enrollment

| | p. 121 | Health Information Management - **HIM 186** |
| | | Outpatient Coding Clinical (3 credits) |

Students will apply skills and knowledge acquired in previous courses to outpatient coding settings in the community.

Prerequisite: HIM 152 with a minimum grade of C or concurrent enrollment

| | p. 121 | Health Information Management - **HIM 187** |
| | | Physician Practice Management Clinical (3 credits) |

Students will apply skills and knowledge acquired in previous courses to a variety of outpatient settings in the community.

Prerequisite: HIM 153 with a minimum grade of C or concurrent enrollment

| | p. 121 | Health Information Management - **HIM 222** |
| | | Health Records in Alternative Care (3 credits) |

Continued study of health record systems for psychiatric, long-term care, home health care and hospice, including coding compliance licensure and accreditation standards.

Prerequisite: HIM 220 with a minimum grade of C and
HIM 216 with a minimum grade of C and HIM 225 with a minimu grade of C

| | p. 121 | Health Information Management - **HIM 225** |
| | | Record Content and Standards II (5 credits) |

In-depth study of healthcare data requirements, including JCAHO standards, governmental regulations, corporate compliance, and HIPAA applications in healthcare settings.

Prerequisite: HIM 195 with a minimum grade of C

| | p. 127 | Human Services - **HSP 262** |
| | | Loss and Grief through the Lifespan (5 credits) |

This course focuses on losses ranging from everyday setbacks to stigmatizing issues. The grief process will be examined from a variety of approaches including cultural, religious, and developmental perspectives. End of life concerns will also be covered.

| | p. 131 | Logistics - **LOG 115** |
| | | Logistics Security and Risk Management (5 credits) |

This course overviews logistics security threats and risks and the countermeasures that can be used to secure fixed assets and assets in transit. Students will become familiar with applicable domestic and international standards, laws, and regulations as well as the technologies that are used in ensuring that the supply chain is safe.

Recommended Preparation: LOG 102 with a minimum grade of "C"

SECTION	CATALOG PDF PAGE NO.	EFFECTIVE 01/01/2013

p. 156 | Science - **SCI 105**

Introductory Topics in Natural Science (5 credits)

Concepts from multiple scientific fields (including biology, chemistry, physics, and the earth and space sciences) will be investigated through the in-depth exploration of an applied interdisciplinary topic. This course will provide introductory-level science students with an expansive understanding of scientific principles, methods, and techniques. Laboratories and field work included.

Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent and MATH 090 with a minimum grade of C (may be taken concurrently) or equivalent or MATH 093 with a minimum grade of C (may be taken concurrently) or equivalent

Credit Course Desc. | DELETE THE FOLLOWING COURSES:

p. 124 | Home and Family Life Education - HFL 097, HFL 098, HFL 099

p. 129 | Information Technology - IT 258

p. 153 | Radiologic Science - RS 270

Credit Course Desc. | UPDATE/REVISE THE FOLLOWING COURSES:

p. 106 | Diagnostic Medical Sonography - **DMS 102**

Sonography Lab II (3 credits)

Students further develop sonographic concepts from DMS 101 by applying their patient care, optimization and scanning skills to superficial structures, the female reproductive system and first trimester obstetrics.

Prerequisite: DMS 101 with a minimum grade of C or Program Chair approval

p. 106 | Diagnostic Medical Sonography - **DMS 111**

Pathophysiology II (3 credits)

This course focuses on sonographic evaluation of the pathophysiology of pelvic and small parts organs/structures.

Prerequisite: DMS 110 with a minimum grade of C or Program Chair approval

p. 106 | Diagnostic Medical Sonography - **DMS 121**

Small Parts and Superficial Structures Sonography (3 credits)

Focuses on the sonography of various superficial structures. Reviews the anatomy, physiology, and pathology of these small parts; discussing laboratory tests and clinical signs and symptoms. Also explores the use of ultrasound in surgical procedures. Routine scanning protocols are learned and discussed.

Prerequisite: DMS 120 with a minimum grade of C or Program Chair approval

p. 106 | Diagnostic Medical Sonography - **DMS 122**

Gynecology and Obstetrics I (3 credits)

This course is the first in a series of two courses that focus on the female reproductive system and obstetrics. Physiologic, anatomic and pathologic conditions pertaining to gynecology and the first trimester will be explored and applied to scanning techniques acquired in the first quarter of the program.

Prerequisite: DMS 120 with a minimum grade of C or Program Chair approval

p. 106   Diagnostic Medical Sonography - **DMS 131**

Ultrasound Physics and Instrumentation II (3 credits)

This course is the second in a series of two that prepares students to sit for the ARDMS's Scientific Principals and Techniques registry exam. Material covered relates to content of the exam, preparation and exam taking techniques.

Prerequisite: DMS 130 with a minimum grade of C or Program Chair approval

p. 107   Diagnostic Medical Sonography - **DMS 175**

DMS Orientation (2 credits)

This course will provide application of the basic skills required for patient care. Students will complete CPR, HIPPA and HIV/AIDS certification for health care providers.

Prerequisite: Acceptance into DMS program or Program Chair approval

p. 107   Diagnostic Medical Sonography - **DMS 251**

Ultrasound Clinical IV (13 credits)

This is the fourth clinical course in a series of five courses designed to increase student autonomy as sonographers. Continuing to build upon scanning, department routines, patient care and communication skills, students perform exams under minimal or indirect supervision of clinical instructors.

Prerequisite: DMS 250 with a minimum grade of C or Program Chair approval

p. 107   Diagnostic Medical Sonography - **DMS 261**

Ultrasound Seminar and Critique III (2 credits)

A continuation of Ultrasound Seminar and Critique II. Students present case studies as well as discuss current imaging trends.

Prerequisite: DMS 260 with a minimum grade of C or Program Chair approval

p. 119   Health Information Management - **HIM 110**

Health Care Delivery Systems (5 credits)

No change to course description.

Prerequisite: ENGL& 101 with a minimum grade of C and
BUS 110 with a minimum grade of C and
BIOL& 175 with a minimu grade of C

p. 121   Health Information Management - **HIM 141**

Outpatient Diagnostic Coding (2 credits)

Instruction to the basic principles of diagnostic coding. Designed as an introductory course for beginners. Focus is on diagnostic coding in the outpatient care setting.

Prerequisite: BIOL& 175 with a minimum grade of C and HIM 125
and HIM 131 with a minimum grade of C (or concurrent enrollment)
or HIM 105 with a minimum grade of C

p. 121   Health Information Management - **HIM 195**

Healthcare Law and Ethics (3 credits)

No change to course description.

Prerequisite: HIM 110 with a minimum grade of C and
HIM 125 with a minimum grade of C
Recommended Preparation: ENGL& 102 with a minimum grade of C or
ENGL& 235 with a minimum grade of C

SECTION	CATALOG PDF PAGE NO.	EFFECTIVE 01/01/2013

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p. 122   Health Information Management - **HIM 254**

HIM Capstone (3 credits)

No change to course description.

> *Prerequisite: HIM 210 with a minimum grade of C and*
> *HIM 215 with a minimum grade of C and*
> *HIM 220 with a minimum grade of C and*
> *HIM 241 with a minimum grade of C and*
> *IT 230 with a minimum grade of C (may be taken concurrently)*
> *Co-Requisite: HIM 255*

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p. 122   Health Information Management - **HIM 255**

Professional Practice Experience (3 credits)

No change to course description

> *Prerequisite: HIM 210 with a minimum grade of C and*
> *HIM 215 with a minimum grade of C and*
> *HIM 220 with a minimum grade of C and*
> *HIM 241 with a minimum grade of C and*
> *Co-Requisite: HIM 254*

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p. 127   Human Services - **HSP 230**

Co-occurring Disorders Assessment and Treatment (5 credits)

This course is an overview of co-occurring disorders in behavioral health and human services settings. A brief overview of specific mental disorders, substance abuse disorders, and evidence-based strategies used to serve those with co-occurring disorders will be covered. This course will survey effective co-occurring programming, screening processes, and practices used to serve this population.

> *Prerequisite: HSP 121*

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p. 129   Information Technology - **IT 262**

Technical Support of Windows Networks (5 credits)

This is a practical course in the installation, configuration, maintenance, and support of Local Area Networks (LANs) using the Windows Network Operating Systems (NOSs). A Microsoft Windows 2003 Server is installed and configured for secure and efficient file, print and application services. The architecture and functionality of the Windows 2003 Server OS are studied. The course also provides the theoretical, hands on, and practical techniques that can be used in preparation for the Server+ exam.

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p. 129   Information Technology - **IT 280**

Advanced Networking Technologies (5 credits)

This is a capstone course for the Network and Convergence Technologies program. Students will demonstrate a complete foundation skill set by using the knowledge and skills acquired in previous course work to implement a complete and secure network using project management, business analysis, budget development, presentation, and technical knowledge and skills.

Credit Course Desc.	PREREQUISITE CHANGE FOR THE FOLLOWING COURSES:
p. 99	**BIOL& 175 Human Biology w/Lab** *ENGL/ 095 with a minimum grade of C or equivalent; and either* *MATH 090 with a minimum grade of C- or equivalent or* *MATH 093 with a minimum grade of C- or equivalent or* *BUS 110 with a minimum grade of C- or equivalent*
p. 105	**CU 108 Outlook** *CU 105 with a minimum grade of C or equivalent or* *Program Chair permission*
p. 105	**CU 110 Access I** *CU 103 with a minimum grade of C or* *CU 105 with a minimum grade of C or equivalent or* *Program Chair permission*
p. 105	**CU 202 Word II** *CU 105 with a minimum grade of C or equivalent or* *Program Chair permission*
p. 105	**CU 203 Excel II** *CU 103 with a minimum grade of C or* *CU 105 with a minimum grade of C or equivalent or* *Program Chair permission*
p. 106	**DMS 101 Sonography Lab I** *Acceptance into DMS program or Program Chair approval*
p. 106	**DMS 105 Ultrasound Cross-Sectional Anatomy** *Acceptance into DMS program or Program Chair approval*
p. 106	**DMS 110 Pathophysiology I** *Acceptance into DMS program or Program Chair approval*
p. 106	**DMS 120 Abdominal Sonography** *Acceptance into DMS program or Program Chair approval*
p. 106	**DMS 130 Ultrasound Physics and Instrumentation I** *Acceptance into DMS program or Program Chair approval*
p. 107	**DMS 175 DMS Orientation** *Acceptance into DMS program or Program Chair approval*
p. 107	**DMS 250 Ultrasound Clinical III** *DMS 151 with a minimum grade of C and* *DMS 160 with a minimum grade of C*
p. 107	**DMS 260 Ultrasound Seminar and Critique II** *DMS 151 with a minimum grade of C and* *DMS 160 with a minimum grade of C*

SECTION	CATALOG PDF PAGE NO.	EFFECTIVE 01/01/2013

	p. 119	HIM 125 Health Data Structure, Content and Standards

ENGL& 101 with a minimum grade of C and
BUS 110 with a minimum grade of C and
BIOL& 175 with a minimum grade of C and
HIM 110 with a minimum grade of C (may be taken concurrently)

	p. 121	HIM 160 Pathophysiology

BIOL& 175 with a minimum grade of C and
HIM 125 with a minimum grade of C and
HIM 131 with a minimum grade of C or HIM 105 with a minimum grade of C

	p. 121	HIM 216 CPT Coding

BIOL& 175 with a minimum grade of C and
HIM 125 with a minimum grade of C and
HIM 131 with a minimum grade of C or HIM 105 with a minimum grade of C
and HIM 141 with a minimum grade of C