

New Courses - Effective Winter 2016

ABE 019 Navigating College - ABE/ESL (1-5)

Students will build the skills to persist through ABE/AESL and successful transition to college-level courses. Topics may include: educational planning, financial aid, computer literacy skills, time management, information literacy, learning styles, study skills, interpersonal/communication skills, conflict management, and other topics related to college and career success. This course may be offered to special student groups such as High School 21+ (HS21+), Workforce Education, and/or English as a Second Language (AESL).

Prerequisite: CASAS score below 246 or placement into Basic Skills Program.

AESL 061 Integrated Digital English Acceleration 1 [I-DEA 1] (18)

I-DEA 1 is a contextualized, hybrid online AESL course delivered using a flipped classroom model. Course content will increase students' ability to interact with others in academic, workplace, and personal life settings and promote career exploration and workplace readiness. The curriculum and delivery method are designed to accelerate low-beginning level adult English language learners' acquisition of English reading, writing, listening, and speaking, as well as technology skills, teamwork, interpersonal communication and problem solving, while promoting independent learning.

Prerequisite: CASAS reading and listening score of 180 and below or instructor recommendation.

AESL 062 Integrated Digital English Acceleration 2 [I-DEA 2] (18)

I-DEA 1 is a contextualized, hybrid online AESL course delivered using a flipped classroom model. Course content will increase students' ability to interact with others in academic, workplace, and personal life settings and promote career exploration and workplace readiness. The curriculum and delivery method are designed to accelerate low-beginning level adult English language learners' acquisition of English reading, writing, listening, and speaking, as well as technology skills, teamwork, interpersonal communication and problem solving, while promoting independent learning.

Prerequisite: CASAS reading and listening score of 181-190 or Instructor recommendation or AESL 061 with a minimum grade of B-.

AESL 063 Integrated Digital English Acceleration 3 [I-DEA 3] (18)

I-DEA 3 is a contextualized, hybrid online AESL course delivered using a flipped classroom model. Course content will increase students' ability to interact with others in academic, workplace, and personal life settings and promote career exploration and workplace readiness. The curriculum and delivery method are designed to accelerate low-intermediate level adult English language learners' acquisition of English reading, writing, listening, and speaking, as well as technology skills, teamwork, interpersonal communication and problem solving, while promoting independent learning.

Prerequisite: AESL 062 with a minimum grade of B- or CASAS reading score of 191-200 and listening score of 190-199 or Instructor recommendation.

HIM 310 Data Governance (5)

This course covers the management health care data including integration needs and the standardization of data. Topics include documentation guidelines, the exchange of data, health information technologies and data integrity.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT credential; MATH 093 and MATH 136 or MATH& 146.

HIM 320 Healthcare Privacy, Confidentiality and Security (3)

This course covers privacy, security and confidentiality of internal and external health information use and exchange. Students will gain knowledge of data quality and monitoring programs and the legal and ethical implications of health data disclosure. Topics will include privacy, confidentiality, security principles, policies, and procedures, health information laws, regulations, and standards, and elements of a compliance program.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT Credential; MATH 093 and MATH 136 or MATH& 146.

HIM 330 Revenue Cycle Management (5)

This course will cover an in depth analysis of revenue cycle and reimbursement methodologies in. Students will learn how to develop and implement healthcare finance and compliance processes in response to increasing demands of the healthcare industry. Topics will include reimbursement management, severity of illness systems, chargemaster management, casemix management, audit processes, and payment systems.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT credential; MATH 093 and MATH 136 or MATH& 146.

HIM 340 Data Quality Management and Performance Improvement (5)

This course covers the foundational base that guides facilities in the management and analysis of healthcare data and that ensures data integrity. Topics include quality assessment and management tools, utilization and resource management, risk management, and disease management processes.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT credential; MATH 093 and MATH 136 or MATH& 146.

HIM 350 Health Information Systems Analysis and Design (5)

This course will examine the tools and knowledge necessary to take part in the planning, design, selection, implementation, integration, testing, evaluation, and support of health information technologies.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT credential; MATH 093 and MATH 136 or MATH& 146.

New Courses - Effective Winter 2016

HIM 410 **Healthcare Compliance (5)**

This course will evaluate current laws and standards related to health information initiatives. Students will study the link between regulatory compliance, revenue cycle and quality of care. Fraud and abuse trends will be discussed with an emphasis on establishing and managing policies and procedures for compliance.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT credential; MATH 093 and MATH 136 or MATH& 146.

MO 115 **Medical Scribe (4)**

This course provides students with skills necessary to enter information into a patient's electronic health record or chart at the direction of a physician or licensed independent practitioner. Topics include Basic Coding, HIPAA Compliance, Medico-legal risk mitigation, EHR functionality, elements of documentation, CMS Physician Quality Reporting Systems, The Joint Commission's Accountability Measures, and a general knowledge of the roles and responsibilities of medical personnel.

Prerequisite: HIT 105 with a minimum grade of C and ENGL& 101 with a minimum grade of C and BIOL& 175 with a minimum grade of C. May be taken concurrently.

SCI 294 **Undergraduate Research in Science (1-5)**

Students will work as a part of a team for the quarter to conduct research in the Natural Sciences. The course will involve either laboratory or field study depending on the project, evaluation of primary research papers relevant to the project, and presentation of project results.

Prerequisite: Instructor permission only.

New Courses - Effective Fall 2016

HIM 420 **Human Resource Management and Leadership (5)**

This course covers theories and best practices of human resource management in healthcare. Topics will include leadership styles, workplace diversity, forming quality work teams, equal opportunity, work analysis, staffing, training and development, performance appraisals, compensation, and grievance procedures.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT credential; MATH 093 and MATH 136 or MATH& 146.

HIM 430 **Data Analytics (5)**

This course covers methods for extracting and analyzing data for decision making. Students will learn to analyze clinical data to identify trends. Students will gain knowledge of database querying, data exploration, and mining techniques to facilitate information retrieval.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT credential; MATH 093 and MATH 136 or MATH& 146.

HIM 440 **Organizational Management in Healthcare (5)**

This course covers the foundational tools to effectively create and implement organizational management policies and procedures in a healthcare environment.

Prerequisite: Acceptance into the HIM BAS Program - Instructor permission only; RHIT credential; MATH 093 and MATH 136 or MATH& 146.

HIM 450 **HIM Professional Practice Experience (3)**

This course covers an environmental scan of emerging issues and trends in the HIM field. Students will focus on individualized projects that showcase their knowledge. All students will be paired with local health care institutions that will provide students with the opportunity to reinforce their competencies and skills sets.

Prerequisite: HIM 310 with a minimum grade of C; HIM 320 with a minimum grade of C; HIM 330 with a minimum grade of C; HIM 340 with a minimum grade of C; HIM 350 with a minimum grade of C; HIM 410 with a minimum grade of C; HIM 420 with a minimum grade of C; HIM 430 with a minimum grade of C; HIM 440 with a minimum grade of C or concurrent enrollment.

HIM 455 **HIM Capstone (2)**

This course includes the creation of a culminating project focused at educating the public on current issues surrounding health information management.

Prerequisite: HIM 310 with a minimum grade of C; HIM 320 with a minimum grade of C; HIM 330 with a minimum grade of C; HIM 340 with a minimum grade of C; HIM 350 with a minimum grade of C; HIM 410 with a minimum grade of C; HIM 420 with a minimum grade of C; HIM 430 with a minimum grade of C; HIM 440 with a minimum grade of C or concurrent enrollment.

Revised Courses - Effective Fall 2015**HIT 160 Pathophysiology (5)**

No change to description.

Prerequisite: HIT 105 with a minimum grade of C and HIT 110 with a minimum grade of C and HIT 125 with a minimum grade of C.

PE 108 Beginning Weight Training (1)

No change to description.

PE 122 Beginning Bowling (1)

No change to description.

PE 236 Intermediate Volleyball (1)

No change to description.

Revised Courses - Effective Winter 2016**ABE 023 ABE Computer Assisted Learning 1**

ABE CAL utilizes computer-assisted learning programs designed to supplement ABE instruction and support preparation for the high school completion exam. Students self-select their focus skill areas based on their academic and professional goals and work independently to meet personal goals. Possible focus areas include: test taking, math, reading, writing, vocabulary, speaking/listening, technology skills and typing. Students have the opportunity to receive support and feedback from their instructor once a week.

Prerequisite: Current CASAS score of 201 or above.

ABE 035 College Bound Math Level 5 (3-10)

Students will read, write and interpret mathematical information by measuring whole numbers and extending skills in fractions and decimals, ratios and percents. Students will use basic patterns, data, algebraic concepts, measurement, geometry and computational skills to solve 1-3 step theme based contextualized word problems. This course will integrate these skills into contextualized units.

Prerequisite: ABE 067 with a minimum grade of B-; or CASAS score 221-235; or instructor permission.

ABE 045 College Bound Reading and Writing 5 (3-10)

Prerequisite: ABE writing sample; or CASAS score of 236-245; or instructor permission.

ABE 066 Applied Math I (5-8)

Prerequisite: Minimum math CASAS score of 201.

ABE 067 Applied Math II (5-8)

Prerequisite: Minimum CASAS score of 221; or ABE 066 with a minimum grade of B-.

ABE 068 Integrated Algebra and Geometry I (5-8)

Prerequisite: Minimum math CASAS score of 236; or ABE 067 with a minimum grade of B-; or assessment at or above Math 085.

ABE 069 HS 21+ Portfolio Class (2-8)

Prerequisite: HS21+ Transcript Evaluation; and minimum CASAS score of 227; and minimum writing sample score of 4.

**ABE 070 Reading and Writing for the Sciences:
Health Science (5-10)**

Prerequisite: ABE 071 with a minimum grade of B- or ABE 072 with a minimum grade of B- or ABE 073 with a minimum grade of B- or ABE 074 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 078 with a minimum grade of B- or ABE 079 with a minimum grade of B- or minimum CASAS reading score of 211 or minimum writing sample score of 3.

Revised Courses - Effective Winter 2016**ABE 072 Reading and Writing for Social Studies:
Washington State History (5-10)**

Prerequisite: ABE 070 with a minimum grade of B- or ABE 071 with a minimum grade of B- or ABE 073 with a minimum grade of B- or ABE 074 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 078 with a minimum grade of B- or ABE 079 with a minimum grade of B- or minimum CASAS score of 211 or minimum writing sample score of 3.

**ABE 073 Reading and Writing for Social Studies:
Contemporary World Issues (5-10)**

Prerequisite: ABE 070 with a minimum grade of B- or ABE 071 with a minimum grade of B- or ABE 072 with a minimum grade of B- or ABE 074 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 078 with a minimum grade of B- or ABE 079 with a minimum grade of B- or minimum CASAS score of 211 or minimum writing sample score of 3.

ABE 074 Reading and Writing for the Sciences: Biology (5-10)

Prerequisite: ABE 070 with a minimum grade of B- or ABE 071 with a minimum grade of B- or ABE 072 with a minimum grade of B- or ABE 073 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 078 with a minimum grade of B- or ABE 079 with a minimum grade of B- or minimum CASAS reading score of 227 or minimum writing sample score of 4.

**ABE 075 Reading and Writing for Social Studies:
U.S. History (5-10)**

Prerequisite: ABE 070 with a minimum grade of B-; or ABE 071 with a minimum grade of B-; or ABE 072 with a minimum grade of B-; or ABE 073 with a minimum grade of B-; or ABE 074 with a minimum grade of B-; or ABE 077 with a minimum grade of B-; or ABE 078 with a minimum grade of B-; or ABE 079 with a minimum grade of B-; or minimum CASAS score of 227; or minimum writing sample score of 4.

**ABE 077 Reading and Writing for the Sciences:
Environmental Science (5-10)**

Prerequisite: ABE 070 with a minimum grade of B- or ABE 071 with a minimum grade of B- or ABE 072 with a minimum grade of B- or ABE 073 with a minimum grade of B- or ABE 074 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 078 with a minimum grade of B- or ABE 079 with a minimum grade of B- or ABE 079 with a minimum grade of B- or minimum CASAS reading score of 227 or minimum writing sample score of 4.

**ABE 078 Reading and Writing for Social Studies:
World Cultures (5-10)**

Prerequisite: ABE 070 with a minimum grade of B- or ABE 071 with a minimum grade of B- or ABE 072 with a minimum grade of B- or ABE 073 with a minimum grade of B- or ABE 074 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 079 with a minimum grade of B- or minimum CASAS reading score of 227 or minimum writing sample score of 4.

**ABE 079 Reading and Writing for Social Studies:
U.S. government and Civics (5-10)**

Prerequisite: ABE 070 with a minimum grade of B- or ABE 071 with a minimum grade of B- or ABE 072 with a minimum grade of B- or ABE 073 with a minimum grade of B- or ABE 074 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 078 with a minimum grade of B- or minimum CASAS score of 227 or minimum writing sample score of 4.

DMS 102 Sonography Lab II (3)

This course builds on the scanning fundamentals developed in DMS 101 with an emphasis on advanced scanning techniques and patient care practices. Activities will focus on relating clinical and pathologic information, effective verbal/written communication methods and caring for high needs patients while evaluating superficial, gynecologic and obstetric structures.

DMS 111 Pathophysiology II (3)

As the second course in sonographic pathophysiology, students will further advance their understanding of investigating disease processes while focusing on superficial structures. Critical thinking, problem solving and independent decision making will be emphasized.

DMS 121 Small Parts and Superficial Structures Sonography (3)

This course focuses on the anatomy, physiology and sonographic appearance of superficial organs and structures. Terminology, imaging considerations, optimization techniques and patient care requirements specific to superficial structures will also be covered.

DMS 122 Gynecology and Obstetrics I (3)

This course focuses on the anatomy, physiology and sonographic appearance of gynecologic and first trimester obstetric structures. Clinical indications, imaging considerations and patient care requirements specific to OB/GYN patients will also be covered. Students will learn the pathologic processes associated with first trimester obstetrics and gain skills related to identifying and documenting abnormalities.

DMS 131 Ultrasound Physics and Instrumentation (3)

This is the second of two courses focusing in the mastery of sonographic physics principals. Advanced theory will be covered including Doppler, harmonic imaging and pulse phasing techniques. Quality assurance and hemodynamics will also be covered. Students will complete their study guides and prepare to sit for their first national registry exam, the Scientific Principals and Instrumentation exam.

Revised Courses - Effective Winter 2016

DMS 175 **DMS Orientation (2)**

This course familiarizes students with their instructors, classroom and provides a detailed overview of the expectations within the laboratory and clinical settings. Students will also complete basic healthcare certifications and instructions on how to maintain their online immunization records.

Prerequisite: Acceptance into DMS program or Program Chair approval. ENGL& 101 with a minimum grade of C+ or ENGL& 102 with a minimum grade of C+ or ENGL 103 with a minimum grade of C+; MATH& 141 with a minimum grade of C+; CMST& 101 with a minimum grade of C+ or CMST 110 with a minimum grade of C+ or CMST& 220 with a minimum grade of C+; PHYS& 115 with a minimum grade of C+ or PHYS& 116 with a minimum grade of C+; HIT 130 with a minimum grade of C+; BIOL& 241 with a minimum grade of C+ and BIOL& 242 with a minimum grade of C+.

DMS 251 **Ultrasound Clinical III (13)**

(Formerly known as DMS 251 Ultrasound Clinical IV) This is the third quarter of the four quarter long clinical internship designed to further promote the student's development as an entry level sonographer. Students will be to independently perform basic sonographic exams and advanced patient care techniques under minimal direct supervision of clinical instructors.

EAP 154 **Advanced Composition and Reading (10)**

EAP-154 synthesizes skills taught in EAP-155 and EAP-159 in the context of a variety of transfer or professional technical courses, helping students build the reading and writing skills necessary for success in these courses. Course work focuses on increasing reading speed, comprehension, and retention; and gaining mastery of the essay writing process and editing/polishing skills.

HIT 126 **Health Information Technologies (5)**

Prerequisite: HIT 110 with a minimum grade of C and HIT 125 with a minimum grade of C.

HSP 107 **Behavioral Health and Wellness (5)**

Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent.

HSP 112 **Best Practices in Human Services (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C; or instructor permission.

HSP 113 **Advanced Helping Strategies (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C; or instructor permission.

HSP 117 **Ethics and Professional Development (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C; or instructor permission.

HSP 121 **Survey of Addictions and Pharmacology (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C; or instructor permission.

HSP 126 **Cultural Competencies for Human Services (5)**

Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent or instructor permission.

HSP 130 **Recovery Education (5)**

Prerequisite: ENGL/ 095 with a minimum grade of C or equivalent; or concurrent enrollment.

HSP 212 **Systems and Case Work (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

HSP 217 **Advocacy in Human Services (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

HSP 224 **Dynamics of Family Violence (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

HSP 225 **Treatment Trends for Domestic Violence (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

HSP 230 **Co-occurring Disorders Assessment and Treatment (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C and HSP 121 with a minimum grade of C; or concurrent enrollment; or instructor permission.

HSP 241 **Working with Youth and Families (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

HSP 251 **Prevention Strategies (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

HSP 262 **Loss and Grief through the Lifespan (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

Revised Courses - Effective Winter 2016**HSP 265 Aging and Adult Services (5)**

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

HSP 282 Program and Proposal Development (5)

Prerequisite: HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C; or instructor permission.

MATH 085 Introduction to Elementary Algebra (5)

Prerequisite: ENGL/ 085 with a minimum grade of C (may be taken concurrently) or equivalent; and either MATH 075 with a minimum grade of C or equivalent or ABE 068 with a minimum grade of B-.

NURS 212 Nursing IV: Caring for the Client with Acute Complex I Problems - Clinical (5)

Prerequisite: NURS 131 and NURS 132 and NURS 133 and NURS 143; or instructor permission.

PE 201 Sport Specific Conditioning (2)

Prerequisite: PE 100 with a minimum grade of C.

PE 233 Advanced Basketball (1)

A course designed for the advanced basketball player who has competed at a high skill level. Special emphasis will be placed on advanced individual and team concepts.

PE 241 Baseball Techniques (1)

A course in the fundamentals of baseball. Course content includes conditioning, basic skills, strategies, team-play concepts and rules of the game.

PE 285 Coaching Theory (2)

Provides the novice and experienced coach with the basic teaching and coaching skills, techniques and strategies for coaching all sports and all ages. Includes lectures, group discussions, guest speakers, and actual performance of skills and techniques by individual class members. (This course is NOT a PE activity course.)

PLST 253 Civil Procedure II (3)**RS 214 Imaging Pathology (3)**

Prerequisite: Instructor permission; RS 122 with a minimum grade of C.

Revised Courses - Effective Spring 2016**DMS 103 Sonography Lab III (2)**

As the last course in the scanning laboratory series, students will practice independence while performing exams, critically evaluating clinical situations and exploring their role in the clinical setting. Activities will emphasize autonomy, independent decision making, professional behavior and timeliness.

DMS 123 Gynecology and Obstetrics II (5)

This is the second course in a two part OB/GYN series that focuses on the anatomy, physiology and sonographic appearance of the developing pregnancy and the post-partum pelvis. Clinical indications, imaging considerations and patient care requirements specific to late term and post-partum patients will be covered and students will also learn the current methods for distinguishing and documenting pathologic conditions.

DMS 124 Introduction to Vascular Sonography (3)

This course is an introduction to vascular sonography and combines material from the physics, superficial pathology and cross sectional anatomy courses. Students will also apply general sonographic scanning and patient care techniques to vascular patients and broaden their understanding of cardiovascular pathologic processes and the effect on the body.

Prerequisite: Acceptance into the DMS program; Program Chair approval; DMS 102 with a minimum grade of C; DMS 111 with a minimum grade of C; DMS 121 with a minimum grade of C; DMS 122 with a minimum grade of C; DMS 131 with a minimum grade of C.

DMS 125 Advanced Sonography (2)

This course is designed to further develop student's critical thinking skills related to integrating clinical, imaging and pathologic information in preparation for their clinical internships. Case studies and scenarios will be used to refine student's problem solving, reasoning, and independent decision making skills.

Prerequisite: DMS 120 with a minimum grade of C and DMS 121 with a minimum grade of C and DMS 122 with a minimum grade of C or Program Chair approval.

DMS 140 Patient Care and Scope of Practice (2)

This course further develops patient care skills and defines a sonographer's role in the healthcare team. Students learn to perform a basic patient assessment, predict and respond to barriers in patient care, provide support during invasive procedures and alternative patient positioning techniques.

Prerequisite: Program Chair approval; DMS 102 with a minimum grade of C.

Revised Courses - Effective Spring 2016**DMS 150 Introduction to Clinicals (2)**

(Formerly known as DMS 150 Introduction to Clinical I) This course is designed to transition students from the academic setting into the clinical setting. Students will develop skills related to interacting with clinical instructors, explore their role as a student in the clinical setting and develop strategies to take advantage of educational opportunities in the healthcare setting.

DMS 252 Ultrasound Clinical IV (13)

(Formerly known as DMS 252 Ultrasound Clinical V) As the last quarter of the clinical internship, students will focus on mastery of advanced scanning, patient care and communication techniques. Students will fully integrate themselves into the imaging department by independently performing sonographic examinations, autonomously responding to high needs patients and functioning as entry level sonographer under the observation and assistance of clinical instructors.

DMS 270 Sonography Registry Review (2)

This course prepares students to sit for national registry exams required by the American Registry of Diagnostic Medical Sonographers. Testing strategies, study guide development and mock exams will be used to prepare students for the Abdominal and Obstetric/Gynecology specialties.

Revised Courses - Effective Summer 2016**ABE 071 Reading and Writing
for Occupational Education (5-10)**

Prerequisite: ABE 070 with a minimum grade of B- or ABE 072 with a minimum grade of B- or ABE 073 with a minimum grade of B- or ABE 074 with a minimum grade of B- or ABE 075 with a minimum grade of B- or ABE 077 with a minimum grade of B- or ABE 078 with a minimum grade of B- or ABE 079 with a minimum grade of B- or minimum CASAS reading score of 211 or minimum writing sample score of 3.

DMS 151 Ultrasound Clinical I (13)

(Formerly known as DMS 151 Ultrasound Clinical II) This course is the first of a four quarter clinical internship designed to take students from scanning in the classroom to integrating themselves into an imaging department. Under the guidance of clinical instructors, students will apply their fundamental scanning, patient care and clinical skills while performing a supportive role in the imaging department.

Revised Courses - Effective Fall 2016

DMS 101 **Sonography Lab I (2)**

This course is designed to develop the foundations of sonography by introducing students to sonographic equipment, exams and patient care techniques. Student will also begin to learn how to apply critical thinking, communication and problem solving skills in the healthcare setting. Activities will emphasize the use of terminology, patient care practices, scanning techniques and image optimization while focusing on abdominal structures.

Prerequisite: Acceptance into DMS program or Program Chair approval; ENGL& 101 with a minimum grade of C+ or ENGL& 102 with a minimum grade of C+ or ENGL 103 with a minimum grade of C+; MATH& 141 with a minimum grade of C+; CMST& 101 with a minimum grade of C+ or CMST 110 with a minimum grade of C+ or CMST& 220 with a minimum grade of C+; PHYS& 115 with a minimum grade of C+ or PHYS& 116 with a minimum grade of C+; HIT 130 with a minimum grade of C+; BIOL& 241 with a minimum grade of C+ and BIOL& 242 with a minimum grade of C+.

DMS 105 **Ultrasound Cross-Sectional Anatomy (5)**

This course explores the human body in the common sonographic directional planes and other imaging modalities. Activities will emphasize the use of directional, anatomic and sonographic terminology, anatomic relationships, directional correlation with transducer position and image optimization. The lab portion of this course focuses on three dimensional anatomic relationships.

Prerequisite: Acceptance into DMS program or Program Chair approval; ENGL& 101 with a minimum grade of C+ or ENGL& 102 with a minimum grade of C+ or ENGL 103 with a minimum grade of C+; MATH& 141 with a minimum grade of C+; CMST& 101 with a minimum grade of C+ or CMST 110 with a minimum grade of C+ or CMST& 220 with a minimum grade of C+; PHYS& 115 with a minimum grade of C+ or PHYS& 116 with a minimum grade of C+; HIT 130 with a minimum grade of C+; BIOL& 241 with a minimum grade of C+ and BIOL& 242 with a minimum grade of C+.

DMS 110 **Pathophysiology I (3)**

This course introduces students to the fundamentals of investigating disease processes by evaluating high risk populations, associating clinical indications, identifying pathologic features in sonographic images and communicating exam findings to healthcare team members. Activities emphasize the use of terminology, problems solving and image recognition related to abdominal structures.

Prerequisite: Acceptance into DMS program or Program Chair approval; ENGL& 101 with a minimum grade of C+ or ENGL& 102 with a minimum grade of C+ or ENGL 103 with a minimum grade of C+; MATH& 141 with a minimum grade of C+; CMST& 101 with a minimum grade of C+ or CMST 110 with a minimum grade of C+ or CMST& 220 with a minimum grade of C+; PHYS& 115 with a minimum grade of C+ or PHYS& 116; HIT 130 with a minimum grade of C+; BIOL& 241 with a minimum grade of C+ and BIOL& 242 with a minimum grade of C+.

DMS 120 **Abdominal Sonography (3)**

This course focuses on the anatomy, physiology and sonographic appearance of abdominal organs and structures. Students will be introduced to the fundamentals of abdominal sonographic terminology, image identification and optimization in addition to lab values and clinical findings.

Prerequisite: Acceptance into DMS program or Program Chair approval; ENGL& 101 with a minimum grade of C+ or ENGL& 102 with a minimum grade of C+ or ENGL 103 with a minimum grade of C+; MATH& 141 with a minimum grade of C+; CMST& 101 with a minimum grade of C+ or CMST 110 with a minimum grade of C+ or CMST& 220 with a minimum grade of C+; PHYS& 115 with a minimum grade of C+ or PHYS& 116 with a minimum grade of C+; HIT 130 with a minimum grade of C+; BIOL& 241 with a minimum grade of C+ and BIOL& 242 with a minimum grade of C+.

DMS 130 **Ultrasound Physics and Instrumentation (3)**

This is the first of two courses focusing on the mastery of sonographic physics principals. Basic wave terminology, sound and media interactions and system functions will be covered. Students will also begin creating a personalized study guide to utilize when preparing for their first national registry exam.

Prerequisite: Acceptance into DMS program or Program Chair approval; ENGL& 101 with a minimum grade of C+ or ENGL& 102 with a minimum grade of C+ or ENGL 103 with a minimum grade of C+; MATH& 141 with a minimum grade of C+; CMST& 101 with a minimum grade of C+ or CMST 110 with a minimum grade of C+ or CMST& 220 with a minimum grade of C+; PHYS& 115 with a minimum grade of C+ or PHYS& 116 with a minimum grade of C+; HIT 130 with a minimum grade of C+; BIOL& 241 with a minimum grade of C+ and BIOL& 242 with a minimum grade of C+.

DMS 250 **Ultrasound Clinical II (13)**

(Formerly known as DMS 251 Ultrasound Clinical III) As the second quarter in the four quarter long clinical internship, students will further their scanning, pathologic identification and basic patient care skills. Students will be performing partial sonographic examinations under the supervision of clinical instructors and refine their communication skills with patients, families and healthcare workers.

DMS 260 **Ultrasound Seminar and Critique II (2)**

In this course, students will reflect on their role in the clinical setting and educate their peers based on their own learning experiences. Presentations and discussions will be centered on analyzing barriers to learning and developing skills on how to overcome them, strategies to maximize educational opportunities and application of didactic knowledge in the clinical setting. Students will continue to plan a continuing education seminar for the benefit of community sonographers.

CMS 299 **Clinical Independent Study (3-13)**

This supplementary clinical course allows students to continue their skill development in the clinical setting.

Course Deletions

BUS 115	General Office Procedures
BUS 116	Records & Information Management
HIM 240	ICD-10-CM/PCS Coding
HIM 241	
HIM 242	Health Information Management & Leadership
HIT 140	Beginning Diagnostic Coding ICD-9
HIT 220	Revenue Cycle
HSP 252	Advanced Prevention Strategies
NURS 161	LPN to ADN Articulation
NURS 162	LPN-ADN Articulation
NURS 163	LPN to ADV Articulation