

# MEMORANDUM

**TO:** All Full-time Staff

**FROM:** Susan Maratto  
Curriculum & Assessment Assistant

**DATE:** Tuesday, September 5, 2017

**RE:** Triton Catalog Addendum 2017-2018

Following is the 2017-2018 addendum to the Triton College Catalog for course/curricular changes, with effective dates. Please use this addendum *in conjunction with* the 2017-2018 College Catalog, as these changes were approved after the catalog was printed.

If you have any questions regarding this addendum, please contact me at ext. 3823 or at [suzimaratto@triton.edu](mailto:suzimaratto@triton.edu).

Thank you for your cooperation!

## Revised Curricula

### C217B Nuclear Medicine Technology

Effective: 8/20/2017  
program description change (*see attached page*)

### C217C Radiologic Technology

Effective: 8/20/2017  
program description change (*see attached page*)

### C217E Diagnostic Medical Sonography

Effective: 8/20/2017  
program description change; revised AHL 115 to DMS 100 (*see attached page*)

### C217I Ophthalmic Technician

Effective: 8/20/2017  
revised OPH 246, OPH 247, OPH 251; SPE 101 moved from semester two to semester four; HTH 281 moved from semester four to semester (*see attached page*)

### C243A Criminal Justice Administration

Effective: 8/20/2017  
deleted HTH 175, HTH 281, HTH 104; moved CJA 148 from semester two to semester one (*see attached page*)

### C318A Certified Medical Assistant

Effective: 8/20/2017  
add CIS 101 as an option with BUS 107; deleted AHL 102, AHL 107, AHL 108, AHL 110; revised BIS 190; total program credits from 34 to 32 (*see attached page*)

### C417E Nurse Assistant Certificate

Effective: 8/20/2017  
program description change (*see attached page*)

## Revised Courses

### ACC 105 Managerial Accounting

Effective: 8/20/2017  
ACC 105 was revised to the new curriculum format

### ACC 251 Intermediate Accounting I

Effective: 8/20/2017  
ACC 251 was revised to the new curriculum format; course description change

#### new course description:

*In-depth study of generally accepted and alternative accounting principles and theory underlying financial statements. Emphasis is placed on the asset section of the balance sheet and the effects of asset depreciation, depletion and amortization on the income statement.*

### ACC 252 Intermediate Accounting II

Effective: 8/20/2017  
ACC 252 was revised to the new curriculum format; course description change

#### new course description:

*In-depth study of generally accepted and alternative accounting principles and theory underlying financial statements. Emphasis is placed on the liability and owner's equity sections of the balance sheet, the income statement, statement of cash flows and includes accounting topics such as dilutive securities, bonds, revenue recognition, accounting for taxes, leases, pensions, accounting changes and errors, disclosure reporting and statement analysis.*

### ACC 257 Principles of Auditing

Effective: 8/20/2017  
ACC 257 was revised to the new curriculum format; course description change

#### new course description:

*Study of auditing theory, principles and accepted procedures including the preparation of working papers, evaluation of internal controls, and audit reports.*

**AHL 115 Introduction to Imaging Physics**

Effective: 8/20/2017

course prefix to 'DMS'; course number to '100';  
repeatable to '1'; prerequisite to 'MAT 055' course  
description change

**new course description:**

*Imaging modalities, units of measurements and conversions, basic physical principles and their quantities, mechanics of motion, types of energy and waves and their relationships to sonography. (formerly AHL 115)*

**BUS 188 Business Writing**

Effective: 8/20/2017

course description change

**new course description:**

*The importance of business communication in today's workplace is covered to ensure goals and objectives are clearly understood within the organization. Emphasis is placed on preparing clear and concise business messages, reports, and proposals that are used in business and industry. Both written and oral presentations are included. This course will guide students in developing the communication skills needed to be successful in a global business environment.*

**CHM 100 Chemistry and Society**

Effective: 8/20/2017

updated the textbook and assessment  
percentages

**CHM 132 Elementary Organic Chemistry**

Effective: 8/20/2017

textbook and assessment percentages were  
updated

**CHM 234 Organic Chemistry I**

Effective: 8/20/2017

textbook and assessment percentages were  
updated

**CHM 235 Organic Chemistry II**

Effective: 8/20/2017

textbook and assessment percentages were  
updated

**CIS 105 A+ PC Hardware and Software**

Effective: 8/20/2017

updated to new curriculum format

**DMS 136 Principles and Procedures of Ultrasound Imagery**

Effective: 8/20/2017

prerequisite to 'DMS 110, 102, 121; concurrent  
DMS 131, DMS 135'; course description change

**new course description:**

*Review of the basic principles and procedures of ultrasound imagery as they apply to abdominal, small parts, obstetric and genealogical procedures, including instrumentation optimization for given procedures and protocols.*

**ENG 101 Introduction to Poetry**

Effective: 8/20/2017

prerequisite to 'Must meet all current college  
reading and writing requirements for RHT 101  
placement'

**ENG 102 Introduction to Drama**

Effective: 8/20/2017

prerequisite to 'Must meet all current college  
reading and writing requirements for RHT 101  
placement'; course description change

**new course description:**

*Introduction to drama through reading, discussion, and interpretation of representative plays. Selections from Greek, Renaissance (particularly Shakespeare), and Modern European and American Drama will be included. (formerly 202)*

**ENG 103 Introduction to Fiction**

Effective: 8/20/2017

prerequisite to 'Must meet all current college  
reading and writing requirements for RHT 101  
placement'

## ENG 105 World Literature I (Antiquity to 1700s)

Effective: 8/20/2017

title to 'World Literature'; prerequisite to 'Must meet all current college reading and writing requirements for RHT 101 placement'; course description change

### new description change:

*Introduces a broad spectrum of literature in English and in translation that may begin in antiquity and conclude in the contemporary era. May include works of fiction, poetry, and drama. Examines the uniqueness and interconnectedness of literature from a variety of worldwide traditions, both western and non-western.*

## ENG 170 Introduction to Children's Literature

Effective: 8/20/2017

prerequisite to 'Must meet all current college reading and writing requirements for RHT 101 placement'; course description change

### new course description:

*Development of children's literature from nursery rhymes, picture books, poetry, traditional literature, realistic literature, fantasy, historical fiction, informational books and biographies. The dynamics of reading aloud, and creative techniques for presenting literature, as well as the cultural contexts that have influenced children's literature.*

## ENG 231 Introduction to Shakespeare

Effective: 8/20/2017

prerequisite to 'Must meet all current college reading and writing requirements for RHT 101 placement'

## ENG 296 Special Topics in Literature

Effective: 8/20/2017

prerequisite to 'Must meet all current college reading and writing requirements for RHT 101 placement'; course description change

### new course description:

*In depth study of literary topics through reading, discussion, and analytic papers.*

## GOL 101 Physical Geology

Effective: 8/20/2017

lecture from 3 to 2; lab from 2 to 4; course description change

### new course description:

*Basic geologic principles from a physical perspective that discuss atomic combinations to form rocks, mountains, and planets. Processes that shape the Earth's landscapes, rivers, oceans, and atmosphere and the interaction between Earth systems and human society such as natural hazards, water resources, fossil fuels, and nuclear energy.*

## GOL 102 Historical Geology

Effective: 8/20/2017

title to 'Evolution of the Earth'; lecture from 3 to 2; lab from 2 to 4; course description change

### new course description:

*Basic geologic principles from a historical perspective of how the continents, oceans, and climate have changed over Earth's 4.5 billion year history. The co-evolution of the physical and biological systems of the Earth and the relationship between humans and the natural world: from the evolution of Homo sapiens, to the imprint of modern civilization on the geological record through changes in land-use, extinction rates, and climate.*

## HTH 202 Culture and Food

Effective: 8/20/2017

course description change

### new course description:

*Investigation of the cultural anthropological concepts of food, using a multidisciplinary and holistic approach. The foods of various cultures throughout the world are investigated from past to present. Factors which impact culture and food are explored, including social organization, geography, technology, economics, religion, language, family customs, gender, race, religion, politics, globalization, and climate change. How food choices impact survival of the human species, as well as concurrent health and wellness, are covered.*

**HUM 170 Introduction to Women's and Gender Studies**

Effective: 8/20/2017

prerequisite to 'Must meet all current college reading and writing requirements for RHT 101 placement'; course description change

**new course description:**

*Constructions of masculinity and femininity, as well as how gender is influenced by race, class, culture, and sexuality through interdisciplinary study of art, music, literature, history, architecture, and philosophy. Fundamental arguments, theories and histories of women's and gender studies through an engagement of images, texts and film.*

**MAT 045 Arithmetic and Pre-algebra**

Effective: 8/20/2017

prerequisite to 'Must meet all current college math requirements for MAT 045 placement'

**MAT 055 Algebra and Geometry I**

Effective: 8/20/2017

prerequisite to 'completion of MAT 045 with a "C" or better or must meet all current college math requirements for MAT 055 placement'

**MAT 080 Preparation for General Education Mathematics**

Effective: 8/20/2017

prerequisite to 'completion of MAT 045 with a "C" or better or must meet all current college math requirements for MAT 080 placement'

**MAT 085 Algebra and Geometry II**

Effective: 8/20/2017

prerequisite to 'completion of MAT 055 with a "C" or better or must meet all current college math requirements for MAT 085 placement'

**MAT 096 Algebra/Geometry Review**

Effective: 8/20/2017

prerequisite to 'must meet all current college math requirements for MAT 096 placement'

**MAT 101 Quantitative Literacy**

Effective: 8/20/2017

prerequisite to 'Reading and Writing: Must meet all current reading and writing requirements for RHT 101 placement

AND

**MAT 080 or MAT 085 or MAT 096 or MAT 103 with a grade of "C" or better, or required math placement test score, or other placement options'**

**MAT 102 Liberal Arts Mathematics**

Effective: 8/20/2017

prerequisite to 'Reading and Writing: Must meet all current reading and writing requirements for RHT 101 placement

AND

**MAT 080 or MAT 085 or MAT 096 or MAT 103 with a grade of "C" or better, or required math placement test score, or other placement options'**

**MAT 110 College Algebra**

Effective: 8/20/2017

prerequisite to 'MAT 085 or MAT 096 or MAT 103 with a grade of "C" or better, or required math placement test score, or other placement options'

**MAT 111 Pre-Calculus**

Effective: 8/20/2017

prerequisite to 'Reading and Writing: Must meet all current reading and writing requirements for RHT 101 placement

AND

**MAT 085 or MAT 096 or MAT 103 with a grade of "B" or better, or required math placement test score, or other placement options'**

**MAT 114 Trigonometry**

Effective: 8/20/2017

prerequisite to 'Reading and Writing: Must meet all current reading and writing requirements for RHT 101 placement

**AND**

MAT 085 or MAT 096 or MAT 103 with a grade of "C" or better, or required math placement test score, or other placement options'

**MAT 116 Math for Elementary School Teachers I**

Effective: 8/20/2017

prerequisite to 'Reading and Writing: Must meet all current reading and writing requirements for RHT 101 placement

**AND**

MAT 085 or MAT 096 or MAT 103 with a grade of "C" or better, or required math placement test score, or other placement options'

**MAT 117 Math for Elementary School Teachers II**

Effective: 8/20/2017

MAT 117 was updated to the current curriculum format.

**MAT 122 Technical Mathematics**

Effective: 8/20/2017

prerequisite to 'MAT 045 with a grade of 'C' or better or required math placement test score'

**MAT 124 Finite Math**

Effective: 8/20/2017

prerequisite to 'MAT 110 or MAT 111 with a grade of "C" or better, or required math placement test score, or other placement options'

**MAT 131 Calculus I**

Effective: 8/20/2017

prerequisite to 'Reading and Writing: Must meet all current reading and writing requirements for RHT 101 placement

**AND**

MAT 111 OR Mat 110 and MAT 114 (grades of 'C' or better in all courses) or required math placement test score, or other placement options'

**MAT 134 Intro to Calculus for Business and Social Science**

Effective: 8/20/2017

prerequisite to 'Reading and Writing: Must meet all current reading and writing requirements for RHT 101 placement

**AND**

MAT 110 or MAT 111 with a grade of "C" or better, or required math placement test score, or other placement options'

**MAT 170 Elementary Statistics**

Effective: 8/20/2017

prerequisite to 'Reading and Writing: Must meet all current reading and writing requirements for RHT 101 placement

**AND**

MAT 080 or MAT 085 or MAT 096 or MAT 103 with a grade of "C" or better, or required math placement test score, or other placement options'

**MCM 160 Reporting and Writing for Multimedia**

Effective: 8/20/2017  
prerequisite to 'Must meet all current reading and writing requirements for RHT101 placement'

**OPH 245 Clinical Practicum I**

Effective: 8/20/2017  
clinical contact hours increased from 170 to 200

**OPH 246 Clinical Practicum II**

Effective: 8/20/2017  
clinical contact hours increased from 335 to 370

**OPH 247 Clinical Practicum III**

Effective: 8/20/2017  
clinical contact hours increased from 330 to 370

**PHS 100 Introduction to Earth Science**

Effective: 8/20/2017  
lecture from 3 to 2; lab from 2 to 4; course description change

*new course description:*

*Physical systems of the Earth and beyond; including rocks, water, weather, and outer space. Real-world examples of how matter and energy move through time and space and how these systems interact with human societies; including mineral resources, natural hazards, water quality, energy, and climate.*

**RHT 085 Introduction to College Reading I**

Effective: 8/20/2017  
prerequisite to 'Must meet all current college writing requirements for RHT 085 placement'

**RHT 086 Introduction to College Reading II**

Effective: 8/20/2017  
prerequisite to 'Must meet all current college writing requirements for RHT 086 placement'

**RHT 095 Introduction to College Writing I**

Effective: 8/20/2017  
prerequisite to 'Must meet all current college writing requirements for RHT 095 placement'

**RHT 096 Introduction to College Writing II**

Effective: 8/20/2017  
prerequisite to 'Must meet all current college writing requirements for RHT 096 placement'

**RHT 097 Companion to English Rhetoric and Composition I**

Effective: 8/20/2017  
prerequisite to 'Must meet all current college reading requirements for RHT101 and writing requirements for RHT 097'

**RHT 099 Learning Framework for College Reading and Writing**

Effective: 8/20/2017  
prerequisite to 'Must meet all current college reading and writing requirements for RHT 086 and RHT 096 placement or must have completed RHT 095 and RHT 085 with a 'P'

**RHT 101 Freshman Rhetoric & Composition I**

Effective: 8/20/2017  
prerequisite to 'Must meet all current college reading and writing requirements for RHT 101 placement'

**RHT 255 Creative Writing**

Effective: 8/20/2017  
prerequisite to 'Must meet all current college reading and writing requirements for RHT 101 placement'; course description change

*new course description:*

*Creative writing as a craft developed through a process of active reading, habitual writing and peer critiquing in a workshop setting.*

**SPN 102 Elementary Spanish II**

Effective: 8/20/2017  
prerequisite to 'Spanish 101 with a grade of 'C' or better or must be able to demonstrate aural comprehension, speaking, reading, and writing at the present tense level; can be demonstrated by course equivalency, or by meeting all current reading, listening, and writing requirements for Spanish Language placement test'

## SPN 103 Intermediate Spanish I

Effective: 8/20/2017

prerequisite to 'Spanish 102 with a grade of 'C' or better or must be able to demonstrate aural comprehension, speaking, reading, and writing in the past and perfect tenses and the subjunctive mood; can be demonstrated by course equivalency, or by meeting all current reading, listening, and writing requirements for Spanish Language placement test'

## Delete Course

### MAT 050 Pre-algebra

Effective: 8/20/2017

MAT 050 was deleted

## New Courses

### ACC 255 Advanced Accounting

Effective: 8/19/2018

3 credits; 3 lecture; prerequisite 'ACC 251, ACC 252'

#### course description:

Advanced accounting includes the study of accounting theory and practice as it relates to business combinations and consolidated financial statements, accounting and reporting for governmental and not for profit organizations and the accounting for equity transactions for partnerships. Recommended for students who plan to sit for the CPA Examination and practicing accountants who are seeking a further study of the above described topics.

### ACC 270 Corporate Tax Accounting

Effective: 8/19/2018

3 credits; 3 lecture; prerequisite 'ACC 256'

#### course description:

An introduction to corporate, partnership, trust, estate and exempt entity taxation. The overall emphasis of this course is on taxation of corporations and flow through entities. Students will also become familiar with various related subjects such as Alternative Minimum Tax, Accumulated Earnings Tax, Gift and Estate Tax and International Taxation.

## ACC 271 Research Topics in Taxation

Effective: 8/19/2018

1 credit; 1 lecture; prerequisite 'ACC 256'

#### course description:

Students will have the opportunity to apply federal income tax laws, as well as other applicable authoritative literature, and developing supportable conclusions to tax issues that do not necessarily contain definitive answers. Includes a variety of tax authoritative documents, as well as their citations. Students will gain experience in using tax research software and will be assessed on their ability to create and communicate defensible tax positions.

### ACC 275 Financial Accounting Research

Effective: 8/19/2018

1 credit; 1 lecture; prerequisite 'ACC 251, ACC 252'

#### course description:

Introduction to the research process, as it applies to financial accounting. Primary focus is using internet-based research to obtain authoritative evidence in support of solutions and conclusions regarding accounting-related issues.

Printed: 9/5/2017



# Nuclear Medicine Technology

## Curriculum NUM.NUM.AAS (C217B)

Nuclear Medicine uses small amounts of radioactive materials to diagnose and treat patients. The Nuclear Medicine technologist administers the radiopharmaceutical and images the area or organ of interest to detect the gamma radiation being emitted from the patient. The scanners used for imaging, whether a gamma camera, Single Photon Emission Tomography (SPECT) or a Positron Emission Tomography (PET) detectors are integrated with computers to provide detailed images showing function and anatomy. Some procedures are acquired simultaneously in conjunction with a Computerized Tomography (CT) study to create PET/CT and SPECT/CT images. Graduates of the program are employed as entry-level technologists in variety of settings from hospitals, clinics and medical imaging centers anywhere in the United States.

Triton's two-year associate's degree Nuclear Medicine Technology program is the only one of its kind offered by an Illinois community college.

Accredited by the Joint Review Committee on Educational programs in Nuclear Medicine Technology, 820 W. Danforth Road, #B81, Edmond, OK, 73003; (405) 285-0546. Website: [www.jrcnmt.org](http://www.jrcnmt.org).

Graduates qualify for the Nuclear Medicine Technology Certification Board (NMTCB) and the American Registry of Radiologic Technology (ARRT), Nuclear Medicine Registry examinations.

### Program Prerequisites:

- Must read and write at college level; can be demonstrated by course equivalency, or by meeting all current Reading and Writing requirements for RHT 101 placement;
- PHY 100◇ (General Physics);
- MAT 110◇ (College Algebra) or must meet current college Math requirement for completion of MAT 110◇; and
- BIS 240◇ (Human Anatomy and Physiology I).

Completion of the Math and Science prerequisites must not be more than five years old.

All prerequisite coursework must be completed with a grade of "C" or better.

All test scores must be within the last two years.

## Associate in Applied Science Degree

<b>Semester One</b>		<b>Credit Hours</b>
AHL 120◇	Comprehensive Medical Terminology	3
# CHM 110◇	Fundamentals of Chemistry <sup>1</sup>	4
# NUM 100◇	Science of Nuclear Medicine	3
# NUM 103◇	Radiation Safety and Protection	2
# RHT 101◇	Freshman Rhetoric & Composition I	3
		<b>15</b>
<b>Semester Two</b>		
AHL 102◇	Ethics & Law for Allied Health Professionals	1
# BIS 241◇	Human Anatomy & Physiology II	4
# NUM 140◇	Instrumentation in Nuclear Medicine	5
# NUM 155◇	Patient Care in Nuclear Medicine	2
# SPE 101◇	Principles of Effective Speaking	3
		<b>15</b>
<b>Semester Three</b>		
# NUM 160◇	Nuclear Medicine Procedures I	3
# NUM 161◇	Applied Nuclear Medicine Technology I	1
# NUM 181◇	Applied Nuclear Medicine Technology II	1
		<b>5</b>
<b>Semester Four</b>		
# NUM 260◇	Nuclear Medicine Procedures II	4
# NUM 261◇	Applied Nuclear Medicine Technology III	2
# NUM 262◇	Nuclear Medicine Pharmacy I	2
# NUM 265◇	Principles of PET for Nuclear Medicine	2
		<b>3</b>
General education/ Social or Behavioral Sciences		
		<b>13</b>

**Semester Five**

# NUM 280◇ Nuclear Medicine Procedures III	4
# NUM 281◇ Applied Nuclear Medicine Technology IV	2
# NUM 282◇ Nuclear Medicine Pharmacy II	2
# NUM 285◇ Principles of CT for Nuclear Medicine	1
General education/Humanities	3
	<hr/>
	<b>12</b>
<b>Total credits required for</b>	<b>60</b>

**graduation**

**Note:** *All program requirements must be completed with a grade of "C" or better.*

*See NUM course descriptions.*

*See Humanities and Social or Behavioral Sciences General Education requirements.*

*<sup>1</sup>CHM 110◇ meets the Mathematics and/or Science general education requirement.*

**Coordinator:** Susan Campos, Ext. 3487; Email: [susancampos@triton.edu](mailto:susancampos@triton.edu)

# Radiologic Technology

## Curriculum RAS.RAS.AAS (C217C)

Radiologic technologists operate X-ray equipment to perform diagnostic examinations ordered by a patient's physician.

A two-year program that offers classroom, a digital technology college laboratory and clinical site experiences at various Chicago metropolitan area hospitals.

Employment opportunities exist in hospitals, clinics and medical imaging centers.

Accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Dr., Suite 2850, Chicago, IL 60606-3182, (312) 704-5300. Graduates qualify for the National Registry Examination given by American Registry of Radiologic Technologists (ARRT) and Illinois licensure.

Program prerequisites:

- Must read and write at a college level; can be demonstrated by course equivalency, or by meeting all current reading and writing requirements for RHT 101 placement;
- MAT 085 (Algebra & Geometry II) or must meet current college Math requirement for completion of MAT 085;
- \*BIS 136◊ (Functional Human Anatomy I) or \*BIS 240◊ (Human Anatomy & Physiology I); and
- AHL 120◊ (Comprehensive Medical Terminology).

Completion of the Math, Science and AHL prerequisites must not be more than five years old;

All prerequisite coursework must be completed with a grade of "C" or better; and

All test scores must be within the last two years.

*Last Update Effective: 1/18/16*

### Associate in Applied Science Degree

Semester One	Credit Hours
# RAS 100 Radiology Patient Care	3
# RAS 111◊ Radiographic Anatomy & Positioning I	2
# RAS 114◊ Basic Radiation Protection	2
# RAS 115◊ Imaging Production	2
# RAS 150◊ Applied Radiologic Technology I	1

# RHT 101◊ Freshman Rhetoric & Composition I	3
<b>13</b>	

### Semester Two

# BIS 137◊ <i>Functional Human Anatomy II</i> or	
# BIS 241◊ <i>Human Anatomy &amp; Physiology II</i>	4
# RAS 117◊ Fundamentals of Radiation	2
# RAS 122◊ Radiographic Anatomy & Positioning II	2
# RAS 124◊ Radiation Instrumentation	2
# RAS 125◊ Radiological Health	2
# RAS 160◊ Applied Radiologic Technology II	1
<b>13</b>	

### Semester Three

AHL 202 Comprehensive Medical Ethics	3
# RAS 170◊ Applied Radiologic Technology III	2
General education/Social or Behavioral Sciences	3
<b>8</b>	

### Semester Four

AHL 107◊ Intravenous Venipuncture	1
# RAS 232◊ Radiographic Anatomy & Positioning III	2
# RAS 243◊ Digital Radiography	3
# RAS 260◊ Radiologic Pathology	2
# RAS 280◊ Applied Radiologic Technology V	2
# SPE 101◊ Principles of Effective Speaking	3
<b>13</b>	

### Semester Five

General education/Humanities electives	3
# RAS 242◊ Radiographic Anatomy & Positioning IV	2
# RAS 253◊ Special Radiologic Procedures	2

# RAS 278◇ Radiologic Seminar	3
# RAS 290◇ Applied Radiologic Technology V	3
	13
<b>Total credits required for graduation</b>	<b>60</b>

*Note: All coursework must be completed with a grade of "C" or better.*

*See RAS course descriptions.*

*See Humanities, Social or Behavioral Sciences General Education requirements.*

*\*BIS 136◇ and BIS 137◇ may be substituted by BIS 240◇/BIS 241◇ sequence. Students must complete both courses within the same sequence.*

*For further information, please access the website listed below.*

**Coordinator:** Pamela Harmon, Ext. 3980; Email: [pamelaharmon@triton.edu](mailto:pamelaharmon@triton.edu); Website: <http://www.triton.edu/Radiologic-Technology/>

# Diagnostic Medical Sonography

## Curriculum DMS.DMS.AAS (C217E)

The Diagnostic Medical Sonography program provides patient services using diagnostic ultrasound under the supervision of a physician who is responsible for the use and interpretation of ultrasound procedures. The Sonographer assists in gathering data necessary to help reach a diagnostic decision.

Diagnostic Medical Sonography (ultrasound) is a fast-growing medical specialty in the imaging field. Graduates are employed in medical centers and hospitals. The program provides students with theory, lab and clinical instruction in general Diagnostic Medical Sonography. They are also introduced to peripheral vascular imaging.

Accredited by the Commission on Accreditation of Allied Health Education programs, 1361 Park St., Clearwater, FL 33756, in cooperation with the Joint Review Commission of Education in Diagnostic Medical Sonography (JRC DMS), 6021 University Boulevard, Suite 500, Ellicott City, MD 21043, (443) 973-3251, phone, (866) 738-3444, fax, [www.jrcdms.org](http://www.jrcdms.org), website.

### Program prerequisites: (GEN.DMS.AGS)

- Must read and write at college level; can be demonstrated by course equivalency, or by meeting all current reading and writing requirements for completion of RHT101;
- PHY100 (General Physics) or DMS 100
- MAT 085 (Algebra & Geometry II) or must meet current college math requirement for completion of MAT085;
- BIS240 (Human Anatomy and Physiology I); and
- AHL 120 (Comprehensive Medical Terminology).

Completion of the Allied Health, Math and Science pre-requisites must not be more than 5 years old.

All prerequisite coursework must be completed with a grade of "C" or better.

All test scores must be within the last two years.

Completion of the Allied Health Math and Science pre-requisites must not be more than 5 years old.

All prerequisite coursework must be completed with a grade of "C" or better.

All test scores must be within the last two years.

## Associate in Applied Science Degree

<b>Semester One</b>		<b>Credit Hours</b>
#	BIS 241◇ Human Anatomy & Physiology II <sup>1</sup>	4
#	DMS 101◇ Ultrasound Physics I	3
#	DMS 106◇ Introduction to Ultrasound Principles & Procedures	3
#	DMS 121◇ Cross-sectional Anatomy	5
#	RHT 102◇ Freshman Rhetoric & Composition II	3
		<b>18</b>
<b>Semester Two</b>		
#	DMS 102◇ Ultrasound Physics II	3
#	DMS 110 General Sonography and Applications	7
	HTH 281◇ First Aid & CPR	2
#	MAT 110◇ College Algebra	5
		<b>17</b>
<b>Semester Three</b>		
#	DMS 131◇ Clinical Applications I	1
#	DMS 135◇ Ultrasound Film Critique	2
#	DMS 136◇ Principles & Procedures of Ultrasound Imagery	2
		<b>5</b>
<b>Semester Four</b>		
#	DMS 141◇ Clinical Applications II	2
	DMS 144 Sonography Seminar	2
#	DMS 146◇ Pathology & Diagnostic Sonography	3
#	DMS 200◇ Principles of Computerized Sonography	2
	General education/Social and Behavioral Science	3
		<b>12</b>

## Semester Five

# DMS 151◇ Clinical Applications III	2
# DMS 201◇ Sonographic Specialties	4
# DMS 210◇ Introduction to Peripheral Vascular Sonography	2
# SPE 101◇ Principles of Effective Speaking	3
General education/Humanities or Fine Arts	3
	<hr/>
	14
<b>Total credits required for graduation</b>	<hr/>
	66

*Note: A minimum grade of "C" is required as a prerequisite for each AHL and DMS course. All Science, Math and AHL coursework must be completed within five years of start of the DMS curriculum with a "C" or greater.*

*See DMS course descriptions.*

*See Humanities or Fine Arts General Education requirements*

<sup>1</sup>BIS 241◇ or MAT 110◇ meets the Mathematics and/or Science general education requirement.

**Coordinator:** Debra Krukowski, Ext. 3780, email: [ultrasound@triton.edu](mailto:ultrasound@triton.edu)

# Ophthalmic Technician

## Curriculum OPH.OPH.AAS (C217I)

Ophthalmic technology is a rapidly expanding field with a growing demand for qualified technicians.

The ophthalmic technician, under the direct supervision of an ophthalmologist, assists in patient care. Ophthalmic technicians perform case histories, visual acuity measurement, visual field testing, refractometry, contact lenses care, and assist in minor ophthalmic surgery.

Accredited by the Commission on Accreditation of Ophthalmic Medical Programs (CoA-OMP), 2025 Woodlane Dr., St. Paul, NY 55125-2998. Employment opportunity in the field are excellent due to an increase in the number of support personnel employed by ophthalmologists and a rising demand for eye-care services.

### Associate in Applied Science Degree

Semester One	Credit Hours
AHL 100◇ Introduction to Patient Care	2
AHL 101◇ Essentials of Medical Terminology	1
AHL 109◇ Drug Calculations	1
BIS 101◇ <i>Human Biology</i> <sup>1</sup> or	
# BIS 136◇ <i>Functional Human Anatomy I</i> <sup>1</sup>	4
# OPH 112◇ Ocular Anatomy and Physiology	3
# OPH 114◇ Ophthalmic Optics	3
# RHT 101◇ Freshman Rhetoric & Composition I	3
	17

### Semester Two

AHL 102◇ Ethics and Law for Allied Health Professionals	1
# HTH 281◇ First Aid & CPR	2
# OPH 113◇ Spectacle Skills	2
# OPH 130 Ocular Pharmacology	3

# OPH 140 Ophthalmic Procedures I	4
PSY 100◇ Introduction to Psychology	3
	15

### Semester Three

# OPH 141 Refractometry	2
# OPH 245 Clinical Practicum I	1
	3

### Semester Four

# OPH 210 Ophthalmic Procedures II	4
# OPH 231◇ Ophthalmic Seminar I	1
# OPH 232◇ Contact Lenses	4
# OPH 246 Clinical Practicum III	2
# SPE 101◇ Principles of Effective Speaking	3
	14

### Semester Five

# OPH 225 Ocular Disease	3
# OPH 241◇ Ophthalmic Seminar II	2
# OPH 247 Clinical Practicum III	2
# OPH 251 Ophthalmic Procedures III	4
General education/Humanities	3
	14
<b>Total credits required for graduation</b>	<b>63</b>

*Note: Ophthalmic technician courses must be taken according to assigned sequence number.*

*See OPH course descriptions.*

*See Humanities General Education requirement.*

<sup>1</sup>BIS 101◇ or BIS 136◇ meets the Mathematics and/or Science general education requirement.

**Coordinator:** Lisa Maas, Ext. 3934; email: [lisamaas@triton.edu](mailto:lisamaas@triton.edu)

# Criminal Justice Administration

## Curriculum CJA.CJA.AAS (C243A)

The American system of Criminal Justice is comprised of three major components: law enforcement, courts and correctional systems at community, county, state and federal levels.

Criminal Justice Administration is a comprehensive field with career opportunities in several areas: law enforcement; probation, parole and corrections; social-justice services; and security and loss prevention. Prepares students for careers in public and private agencies in the social and criminal justice system. The two-year program includes the study of contemporary and advanced problems in modern law enforcement, as well as criminal justice systems, administration, criminal laws and procedures, police and community relations, and criminalistics.

Students who wish to become probation, parole or corrections officers will receive the necessary foundation through this program. The study of law, social and justice agencies, and criminal offenders is included, with emphasis on corrections.

Study of careers in the social-justice services includes such agencies as the Department of Children and Family Services, Public Aid, Corrections, and psychiatric and medical agencies.

Private Security is an emerging career field in need of personnel with qualified credentials. The Criminal Justice program provides courses to prepare students for entry-level security, armed and unarmed. Areas of employment include corporate, industrial and homeland security, hospital, airline, bank, railroad, as well as college and university security.

Students planning additional study at a four-year college or university should enroll in the Associate in Science (CJA.CJA.AS (U230A43)) or the Associate in Arts degree programs (CJA.CJA.AA, (U224A43), which requires a concentration of general education courses combined with selected core criminal justice courses and electives.

## Associate in Applied Science Degree

Semester One	Credit Hours
CJA 111◇ Introduction to Criminal Justice	3
CJA 121◇ Introduction to Corrections	3
CJA 161◇ Administration of Justice	3

CJA 148◇ Police/Community Relations	3
# RHT 101◇ Freshman Rhetoric & Composition I <sup>1</sup>	3
	<b>15</b>

### Semester Two

CJA 175 Report Writing for Criminal Justice	3
CJA 171◇ Patrol Administration	3
CJA 181◇ Juvenile Delinquency & Law	3
# RHT 102◇ Freshman Rhetoric & Composition II <i>or</i>	
SPE 101◇ Principles of Effective Speaking <sup>1</sup>	3
Electives	3
	<b>15</b>

### Semester Three

# CJA 201◇ Criminology	3
# CJA 219◇ Criminal Law I	3
# CJA 257◇ Law Enforcement Administration	3
	General education/Social or Behavioral Science –Choose from
PSY 100 ◇ Introduction to Psychology or	
SOC 100 ◇ Introduction to Sociology	3
	General education/Mathematics and/or Science
	<b>15-16</b>

### Semester Four

# CJA 236◇ Criminal Law II	3
CJA 241◇ Traffic Enforcement & Administration	3
CJA 246◇ Laws of Evidence	3
# CJA 298◇ Law Enforcement Administration II	3
	General education/Humanities
PHL 105◇ World Religions or	



PHL 103◇ Ethics

3

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15

**Total credits required for graduation**

**60-61**

*See CJA course descriptions.*

*See Humanities General Education requirements.*

*See Mathematics and/or Science General Education requirements.*

**Note:** *Upon petition, students successfully completing professional-training courses sponsored or sanctioned by the Illinois Law Enforcement Training and Standards Board, or an equivalent accrediting agency, may receive up to 24 hours of credit. All documentation, including official transcripts, course descriptions, and course*

*outlines, will be reviewed by the program coordinator to determine the number of hours of credit to be granted toward the Associate in Applied Science degree or certificate.*

Program electives (3): CJA 106◇, CJA 107◇, CJA 115◇, CJA 116◇, CJA 117◇, CJA 118◇, CJA 125◇, CJA 127◇, CJA 131◇, CJA 140◇ CJA 166◇, CJA 205, CJA 296◇

Suggested electives (3): CIS 100◇, CIS 101◇; CWE 290◇, CWE 291◇; PED 106◇, PED 120◇; SOC 131◇, SOC 225◇; PHL 101◇, PHL 103◇

<sup>1</sup>Students must complete either RHT 101◇ and SPE 101◇, or RHT 101◇ with RHT 102◇. Students interested in transferring are encouraged to complete all three courses: RHT 101◇, RHT 102◇ and SPE 101◇ to meet university requirements.

**Coordinator:** Gregory Catena, Ext. 3327

## Certified Medical Assistant

### Curriculum CMA.CMA.CERT (C318A)

Medical Assistants are multi-skilled allied health professionals trained to perform a variety of administrative and clinical functions supporting diagnostic, treatment, and related health care services as part of the American health care industry. Medical Assistants typically operate under the supervision of licensed physicians or other similarly qualified independent health practitioners and therapists.

The Certified Medical Assistant Program offers a 32 credit course of study that prepares graduates to serve as medical assistants in organizations that typically employ them. Such organizations may include physician offices, outpatient clinics, hospitals, clinical laboratories, paramedical examiner agencies, health insurance agencies, government and public health agencies, educational institutions, research institutions, and related medical diagnostic, treatment, and therapeutic facilities.

Common administrative duties include clerical tasks, written correspondence, document and information processing, medical reception, appointment scheduling, medical records management, billing and collections, insurance claims processing, practice finances, facilities maintenance, medical practice management, and the like. Common clinical duties include medical documentation; eliciting medical histories; infection control; measuring vital signs, health indicators, and physical dimensions; preparing for and assisting with physical examinations, diagnostic procedures, as well as treatment and therapeutic regimens; administering medications; collecting, processing, and analyzing patient specimens.

The U.S. Bureau of Labor Statistics has consistently indicated that the employment of Medical Assistants is projected to grow much faster than average for all occupations. According to the Illinois Department of Employment Security, the average number of job openings through 2022 is projected to be 706/year in Illinois and 232/year in the Chicago area (Cook County). The median full-time compensation for Medical Assistants in the Chicago area is approximately \$15/hour or \$30,000/year.

Semester One		Credit Hours
AHL 120◇	Comprehensive Medical Terminology	3
BUS 107◇	Microsoft Office in Business Applications or	
CIS 101	Computer Systems and Business Applications	3
# CMA 101◇	Introduction to Medical Assisting	2
# CMA 102	Medical Assistant Administrative Applications I	3
# CMA 110◇	Medical Assistant Clinical Applications I	3
		<hr/>
		<b>14</b>
Semester Two		
AHL 103◇	Basic Pharmacology for Allied Health Professionals	1
# BIS 190◇	Anatomy & Physiology for Allied Health Majors	4
# CMA 103◇	Medical Assistant Administrative Applications II	3
# CMA 130◇	Medical Assistant Clinical Applications II	3
# CMA 180◇	Medical Assistant Laboratory Applications	3
		<hr/>
		<b>14</b>
Semester Three		
# CMA 200◇	Medical Assistant Practicum	1
# CMA 250◇	Certified Medical Assistant Seminar	3
		<hr/>
		<b>4</b>
<b>Total credits required</b>		<b>32</b>

**Note:** All program requirements must be completed with a grade of "C" or better and must not be more than five years old.

See CMA course descriptions.

**Coordinator:** John Cody, Ext. 3656; email: [johncody@triton.edu](mailto:johncody@triton.edu)

## Gainful Employment

The information provided in the link below is available to assist students in making informed choices about their education and career.

[http://www.triton.edu/GE\\_Certificates/MedicalAssistingCertificate.html](http://www.triton.edu/GE_Certificates/MedicalAssistingCertificate.html)

For more information about Gainful Employment, visit the Triton College Financial Aid Office, located in the Student Center Building, Room B-160, or send an email to: [finaid@triton.edu](mailto:finaid@triton.edu) .

# Nurse Assistant Certificate

## Curriculum NAS.NAS.CERT (C417E)

Designed to prepare nursing assistants to provide care in various health care settings under the direction of a registered nurse. The program includes development of fundamental nursing skills through lectures, laboratory activities and clinical experience. Students may also complete elective courses to gain knowledge and practical skills in ethical and legal responsibilities, medical terminology, venipuncture, and electrocardiography.

Upon successful completion of the Nurse Assistant program requirements, the graduate receives a certificate and becomes eligible to take the Illinois Nurse Aide Test, which is required for certification by the Illinois Department of Public Health (IDPH). The program is approved by the Illinois Department of Public Health, 525 W. Jefferson St., Springfield, IL 62761, (217) 785-5133.

### Program prerequisites:

1. Have a criminal history records check as prescribed by the Health Care Worker Background Check Act with no disqualifying convictions;
2. must have valid Social Security number per the Social Security Administration ([www.socialsecurity.gov](http://www.socialsecurity.gov));
3. must be at least 16 years of age;
4. must be able to speak and understand English;
5. must have completed at least eight years of grade school or provide proof of equivalent knowledge; and
6. must read at a college level as demonstrated by course equivalency or concurrent enrollment in RHT 086 or test at college level reading.

<b>Semester One</b>	<b>Credit Hours</b>
NAS 100◇ Basic Nurse Assistant	6
# NAS 101◇ Nurse Assistant: Care of Patients With Alzheimer's	1
<b>Total credits required</b>	<b>7</b>

### Recommended Electives:

AHL 102◇ Ethics and Law for Allied Health Professionals	1
AHL 107 Intravenous Venipuncture	1
AHL 108 Electrocardiography	1
AHL 111 Applied Medical Terminology	2

See NAS course descriptions; AHL course descriptions.

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