

Indiana Commission for Higher Education
Indiana Board for Proprietary Education

Out-of-State Institutions and
In-State Proprietary Institutions Offering Instruction in Indiana
with a Physical Presence in the State

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution Caris College

Program name and Suggested CIP Code: Assoc. of Applied Science in Diagnostic Medical Sonography
CIP Code: 51.0910 DMS/Sonographer and Ultrasound Technician

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) AAS

Name of Person Preparing this Form Leeanne Minton, M.S., RT(R), RDMS(AB)

Telephone Number 812-725-9456 **Application Type**

Date the Form was Prepared June 26, 2016 Initial or Renewal
(Revise date after any revision) Revised: September 1, 2016

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

The Diagnostic Medical Sonography program is designed to prepare competent entry-level general sonographers in the cognitive (knowledge), psycho-motor (skills), and affective (behavior) learning domains. The Diagnostic Medical Sonography program at Caris college is designed to prepare students to perform diagnostic ultrasound examinations required of an entry-level general sonographer to include, but not be limited to, abdomen, gravid and non-gravid females, superficial structures and specialized procedures.

The Diagnostic Medical Sonography Program will:

1. Prepare the student to become a Diagnostic Medical Sonographer, allowing them to work in any hospital, imaging center, or OB/Gyn office.
2. Instruct courses in patient care, anatomy and physiology, medical terminology, abdominal sonography, small parts, and specialized sonography, gynecology/ obstetric sonography, sonography physics and instrumentation, sterile techniques, OSHA, and HIPAA training, CPR.
3. Provide lab centered hands-on training that includes taking vital signs, moving patients, positioning patients, performing ultrasounds of the abdomen, gynecology/ obstetric, small parts, and specialized procedures.
4. Prepare students by allowing them to practice their skills learned in the lab in a healthcare setting under the supervision of the practicing clinician during their clinical rotations. The students will be able to perform ultrasound of the abdomen, gynecology/ obstetric, small parts, and specialized procedures as well as moving and positioning patients.
5. Facilitate each student to recognize normal and abnormal pathology of the human body. As well as describe their findings to an interpreting physician.

At the completion of the DMS program, the student will have the ability to obtain employment as a sonographer and sit for the credentialing examination.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, course number, and number of credit hours or clock hours for each course.

Name of Program: _____ Associates of Applied Science

Total Course Hours: 2070 clock hours Check one: Quarter Hours X
113 crH Semester Hours _____
 Clock Hours _____

Tuition : 31,400.00 Length of Program: 80 weeks or 20 months

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
MED 120	Medical and Legal Ethics	2
PAT 105	Introduction to Patient Care and Sonography	4
SON 100	Essentials of Sonography	4
SON 100L	Essentials of Sonography Lab	2
SON 110	Abdominal Sonography	4
SON 110L	Abdominal Sonography Lab	4
SON 120	Small Parts and Specialized Sonography	4
SON 120L	Small Parts and Specialized Sonography Lab	2
SON 130	Obstetrics / Gynecology Sonography	4
SON 130L	Obstetrics / Gynecology Sonography Lab	2
SON 101	Sonography Physics	8
SON 140	Ultrasound Seminar	4
SON 111	Clinical 1	11
SON 121	Clinical 2	11
SON 131	Clinical 3	11
SON 141	Clinical 4	11

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
MAT 108	College Algebra	4
PHY 100	General Physics	4
ENC 101	Interpersonal Communications	4
BUS 115	Professional Development	2
ANP 101	Anatomy & Physiology 1	4
ANP 102	Anatomy & Physiology 2	4
MED 100	Medical Terminology	3

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
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Number of Credit/Clock Hrs. in Specialty Courses: 88 / 1820 Percentage: 76%

Number of Credit/Clock Hrs. in General Courses: 25 / 250 Percentage: 24%

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts: / Percentage:

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

At Caris College, a resource library is available for student's research assignments and study promotion. It is located on the first floor of the campus. The student has the ability to review or check out any textbooks or resource material to aid them in their studies. Any faculty member of the college can assist the student in the check-out process.

Caris College also has a virtual library to aid in the students' needs. The library can be accessed by any computer on campus and allows additional resources that may otherwise be unavailable to students.

The resource and virtual library's hours of availability are from 8am to 10pm Monday -Friday, during the college's hours of operation. On the weekend, the student can access the library by an arranged appointment time with the instructor.

2. Number of volumes of professional material:

Caris College's resource library has 3-5 reference texts for each course taught in Sonography along with a variety of periodicals provided by the Society of Diagnostic Medical Sonography. Since Caris College subscribes to the SDMS, we have access to over 300 articles and learning opportunities pertaining to peer-reviewed journals, articles, application training, JDMS, registry review, work study sessions, and a variety of webinars pertaining to all specialties of sonography. Our virtual library also offers at least 10 different databases for scholarly and professional journals.

3. Number of professional periodicals subscribed to:

Society of Diagnostic Medical Imaging: www.sdms.org

4. Other library facilities in close geographical proximity for student access:

Jeffersonville Township Public Library: 211 E Court Ave, Jeffersonville, Indiana 47130-(1.5 miles away from campus)

Sellersburg Library: 430 N Indiana Ave, Sellersburg, Indiana 47172-(8.3 miles away from campus)

Charlestown Library: 51 Clark Rd. Charlestown, Indiana 47111-(14.6 miles away from campus)

New Albany-Floyd County Library: 180 W Spring St. New Albany, Indiana 47150-(5.4 miles away from campus)

Clarksville Township Public Library: 1312 Eastern Blvd, Clarksville, Indiana 47129-(1.8 miles away from campus)

Harrison County Public Library: 105 N Capitol Ave, Corydon, Indiana 47112-(30 miles away from campus)

**Supplementary Information on
Licensure, Certification, and Accreditation**

Institution: Caris College

Degree Program: Associates of Occupational Science in Diagnostic Medical Sonography

Locations: Caris College: 1615 Spring Street Suite B, Jeffersonville, Indiana 47130

State Licensure

Does a graduate of this program need to be licensed by the State to practice their profession in Indiana and if so, will this program prepare them for licensure?

No, the student does not need to be licensed by the State to practice their profession in Indiana.

If so, please identify

The specific license(s) needed:

The State agency issuing the license(s):

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Professional Certification

What are the professional certifications that exist for graduates of similar program(s)?

American Registry of Radiologic Technologist in Sonography and American Registry of Diagnostic Medical Sonographers

Will a graduate of this program be prepared to obtain national professional certification(s) in order to find employment, or to have substantially better prospects for employment, in a related job in Indiana?

Yes

If so, please identify

Each specific professional certification: ARRT (S) and RDMS (AB)(BR)(OB/GYN)(MSK)

The national organization issuing each certification:

American Registry of Radiologic Technologists (ARRT) and American Registry of Diagnostic Medical Sonographers (RDMS)

Please explain the rationale for choosing each professional certification:

It is not required to be nationally registered but hospitals are requiring individuals to become registered. If Caris College has an Associates program in Sonography, each student will have the opportunity and the knowledge to sit for the ARRT registry. This will make each student more marketable.

Please identify the single course or a sequence of courses that lead to each professional certification?

Anatomy and Physiology 1 & 2, College Algebra, Medical Terminology, Intro to Patient Care and Sonography, General Physics, Essentials of Sonography and Lab, Abdominal Sonography and Lab, Sonography Physics, Obstetrics / Gynecology Sonography and Lab, Medical and Legal Ethics, Small Parts and Specialized Sonography and lab, Ultrasound Seminar, Clinical 1,2,3, and 4

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Professional Industry Standards/Best Practices

Does the program curriculum incorporate professional industry standard(s) and/or best practice(s)?

Yes

If so, please identify

The specific professional industry standard(s) and/or best practice(s): Legal Ethics/HIPPA, ergonomics, infection control

The organization or agency, from which the professional industry standard(s) and/or best practice(s) emanate:

The Occupational Safety and Health Administration sets rules and guidelines that all Health Care workers should follow. At Caris College we teach the students the importance of following all the rules and guidelines set up by OSHA. We teach the importance of following medical and legal ethics along with infection control and how to utilize standard precautions and isolation techniques. The students are also trained to employ the best ergonomic practices to reduce work related injuries.

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Program Accreditation

Does this program need specialized accreditation in order for a graduate to become licensed by the State or to earn a national professional certification, so graduates of this program can work in their profession or have substantially better prospects for employment?

No, the program does not need a specialized accreditation for a graduate to earn a professional certificate.

If so, please identify the specialized accrediting agency:

By obtaining an Associates degree, It expedites the process of a graduate qualifying for their examination by the ARRT or ARDMS.

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Transferability of Associate of Science Degrees

Since CHE/BPE policy reserves the Associate of Science designation for associate degrees whose credits apply toward meeting the requirements of a related baccalaureate degree, please answer the following questions:

Does a graduate of this A.S. degree program have the option to apply all or almost all of the credits to a related baccalaureate degree at your institution?

Caris College does not have a baccalaureate degree.

If so, please list the baccalaureate degree(s):

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Job Titles

List specific job titles and broad job categories that would be appropriate for a graduate of this program:

- Diagnostic Medical Sonographer
- Ultrasonographer
- Ultrasound technologist
- Ultrasound technician
- Sonographer