Stellar Career College

205 W. Randolph St.,
Chicago, Illinois 60606.

College Catalog

2026-2027

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MISSION STATEMENT

The mission of Stellar Career College is to provide consistent high-quality instruction and motivation in a positive learning environment. The welfare and education of students and employees are our primary focus. Together, we work toward building skilled individuals and a successful company to serve the needs of the community.

COLLEGE HISTORY

Stellar Career College (formerly Computer Tutor Business & Technical Institute) was established in 1986 in Modesto, California by Lenore Hughes to improve children's reading, comprehension and mathematical skills. Computer Tutor began offering computer software training and clerical programs to adults in 1989. Accounting courses were added in 1992. In 1997, R. George Rawe became the Director of Computer Tutor. In 1998, medical and computer technical programs were added. Because of the expanded program offerings, the name was changed to Computer Tutor Business and Technical Institute in July 2002. Computer Tutor first received accreditation from ACCSC in March 2003. In February 2014, the Institution moved to a new location at 4300 Sisk Rd. Modesto, CA. Effective August 1, 2017 Stellar Career College, LLC became the new owner of the school with Zulfiqar Satti designated as President and CEO. In February 2018, Computer Tutor Business and Technical Institute changed its name to Stellar Career College.

On July 9, 2019 the Illinois Board of Higher Education approved the Chicago, Illinois campus of Stellar Career College. On September 26, 2019 ACCSC approved the Chicago Campus Accreditation. On February 25, 2020 the US Department of Education approved the Chicago Campus. Due to COVID-19 pandemic launch of classes at the Chicago campus were delayed. On October 26, 2020 the first set of classes for various training programs was launched at the Chicago Campus. We are proud to continue providing consistent, high quality, instructor-led training as we have been offering for over 30 years.

PHILOSOPHY

Stellar Career College is dedicated to providing quality professional skill development to the 21st century workforce. Our professional and trained faculty will train students in their new careers using a hands-on, instructor-led training environment. Upon successful completion of training, students will be prepared to enter an entry-level position in the career for which they were trained.

LICENSE AND ACCREDITATION

Stellar Career College, Chicago, Illinois location is approved by the "Division of Private Business and Vocational Schools of the Illinois Board of Higher Education". For more information on IBHE approval, contact the Illinois Board of Higher Education, Private Business and Vocational Schools at 1 N. Old State Capital Plaza Suite 333 Springfield, IL 62701-1404, phone number 217 782-2551 or www.ibhe.org.

Stellar Career College – Chicago is a branch campus of Stellar Career College, Modesto, California. The Chicago campus is accredited by the Accrediting Commission of Career Schools and Colleges (ACCSC) and approved by the Illinois Board of Higher Education

(IBHE). Stellar Career College also maintains an approved branch campus in Indiana. All campuses operate under the oversight of the main campus in Modesto, California.

EQUIPMENT AND FACILITIES

Branch Campus Facility – Chicago, IL

The school campus is located at 205 W. Randolph St., Chicago, Illinois 60606. The school occupies the second and third floors of the building. It houses the educational institution's classrooms and equipment. The location map is shown in Figure below.

Suite 200

Suite 200 serves as the primary administrative and student services area and includes:

- 1 Seminar room/Classroom
- 7 Administrative office
- 8 Administrative Cabins
- 3 Classrooms
- 1 Computer Room/ Student Learning Center
- 3 Laboratory/Classroom Spaces
- 1 Storage space

Suite 300

Suite 300 serves as the primary administrative and student services area and includes:

- 4 Laboratory/Classroom Spaces
- 8 Administrative office
- 4 Faculty Offices
- 2 Administrative Cabins
- 2 Classrooms
- 1 Computer Room

TRAINING PROGRAMS

The Chicago campus currently offers the following academic programs:

Programs	Abbreviation
Magnetic Resonance Imaging	MRI
Radiologic Technologist	RAD
Echocardiography/Noninvasive Cardiovascular Sonographer (NICVS)	ECO
Diagnostic Medical Sonographer (DMS)	DMS
Practical Nursing	PN
Surgical Technologist	SUR
Medical Assisting with Phlebotomy Technician	MA
Vascular Sonography Technologist	VST

Cyber Security Professional	CSP

Classrooms, laboratories, and computer facilities are configured to support both didactic instruction and practical training components required for these programs.

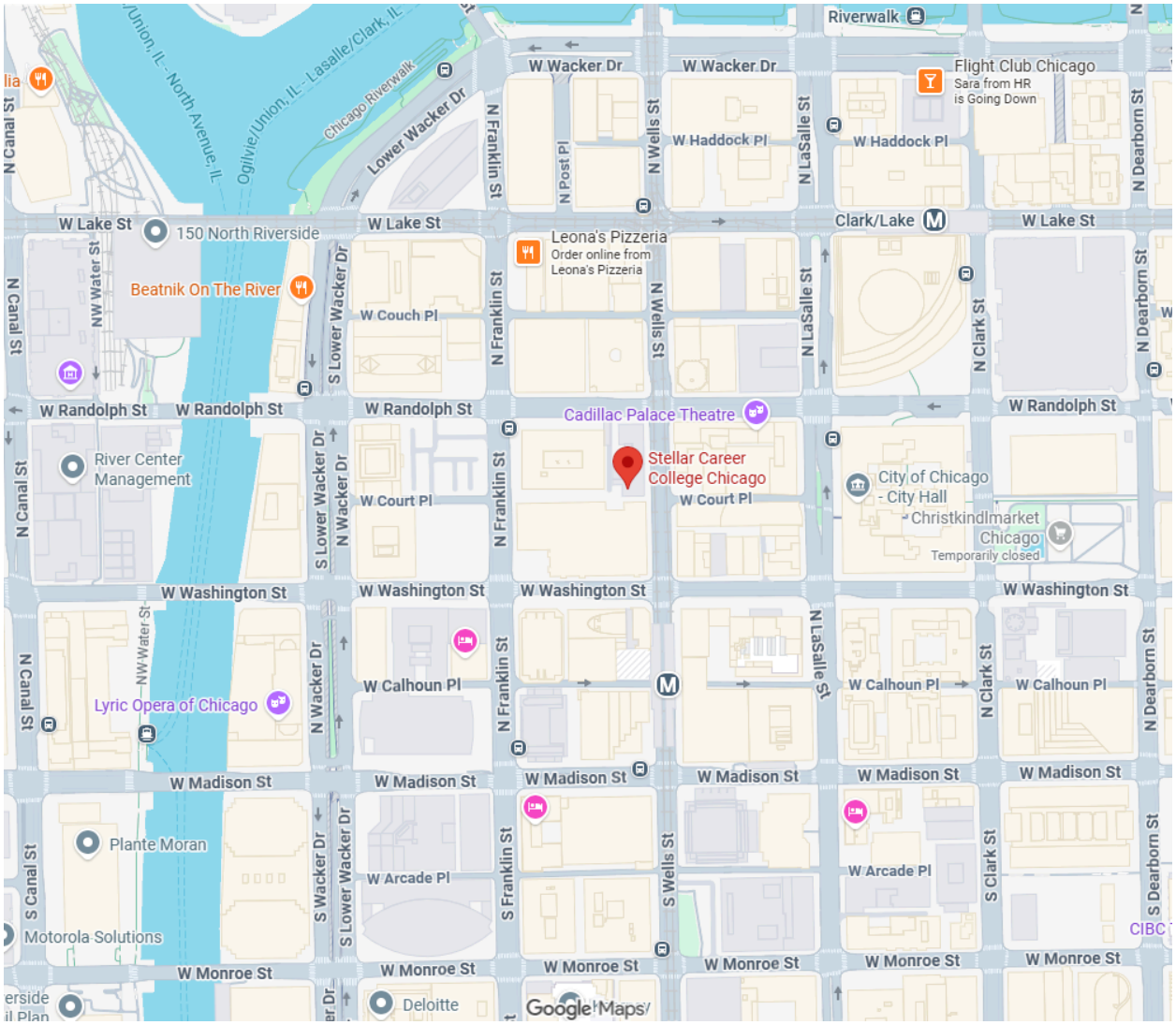

Figure 1: Campus Location (Snapshot using Google Maps)

OFFICE HOURS

Stellar Career College is open from 9:00 am to 6:00 pm Monday through Thursday; Fridays and Saturdays 9:00 am to 1:00 pm, except for campus holidays, increment weather advisory and closed on Sundays.

INSTRUCTIONAL HOURS

The instructional hours are from 9:00 am to 5:00 pm for morning and afternoon classes and from 5:00 pm to 9:00 pm Monday through Thursday for evening classes. Availability of classes is based on enrollment. Students will be advised regarding program starting dates at the time of enrollment. Detailed scheduling information (operating hours, holidays, vacations, in-service days, class schedules and revisions) will be given to students in advance. The number of hours per subject listed in each course is an estimate only. The total number of hours per program may be adjusted.

CLOCK HOURS AND CREDIT HOURS

Stellar Career College measures its training programs in quarter credit hours. One quarter hour is awarded for a minimum of 20 clock hours of classroom or 20 clock hours of lab. According to the Private Postsecondary and Vocational Education Reform Act of 1989, a clock hour is 50 minutes.

CALENDAR & HOLIDAYS

Stellar Career College(2026-2027)[1]

Subject to Change

Key Event	Date(s)
February 2026 Quarter	
Registration Opens	Rolling
Registration Closes	February 22, 2026
New Student Orientation	May 22, 2026
Quarter Start Date	May 25, 2026
Last Day to Add/Drop	June 22, 2026
Independence Day (Holiday)	July 4, 2026
Final Exams	August 3–7, 2026
Quarter End Date	August 10, 2026
May 2026 Quarter	
Registration Opens	Rolling
Registration Closes	February 22, 2026
New Student Orientation	May 22, 2026
Quarter Start Date	May 25, 2026
Last Day to Add/Drop	June 22, 2026
Independence Day (Holiday)	July 4, 2026
Final Exams	August 3–7, 2026
Quarter End Date	August 10, 2026

[1] Stellar Career College follows a 12 weeks Quarter-based academic system. Each Quarter has its own defined start and end date. The calendar Academic Calender institutional holidays, breaks, and deadlines across all active Quarters. Students are given a one-week break between Quarters to allow for transition and scheduling.

August 2026 Quarter	
Registration Opens	Rolling
Registration Closes	May 24, 2026
New Student Orientation	August 21, 2026
Quarter Start Date	August 24, 2026
Last Day to Add/Drop	September 21, 2026
Labor Day (Holiday)	September 7, 2026
Final Exams	November 2–6, 2026
Quarter End Date	November 9, 2026
November 2025 Quarter	
Registration Opens	Rolling
Registration Closes	August 23, 2026
New Student Orientation	November 20, 2026
Quarter Start Date	November 23, 2026
Last Day to Add/Drop	December 21, 2026
Thanksgiving Break (Holidays)	November 26–29, 2026
Winter Break (Holidays)	December 21, 2026 – January 3, 2027
Martin Luther King Jr. Day (Holiday)	January 18, 2027
Final Exams	February 1–5, 2027
Quarter End Date	February 22, 2027

CAMPUS SECURITY

Stellar Career College compiles an annual security report which details current security policies, crime prevention information, and crime statistics on campus and in the surrounding area. Prospective students and employees may request a copy of the security report at the front desk.

EMERGENCY SCHOOL CLOSING & EMERGENCY PREPAREDNESS INFORMATION

Notification of school closings due to severe weather conditions or a building emergency can be obtained through the following ways:
Stellar Career College maintains a written Emergency Preparedness and Response Plan covering evacuation, fire safety, medical emergencies, severe weather, and other critical incidents. Designated staffs are trained to assist during emergencies, and students are expected to follow posted procedures and official instructions. Copies of the full plan are available upon request from the Campus Director’s office.

CLASS SIZE

Stellar Career College has a maximum of 30 students per class in didactic and supervised lab courses. Moreover, the maximum number for general education and electives courses is 60 students.

STUDENT SERVICES & HOUSING

SCC is here to help students succeed and make the most of student's experience. Stellar Career College offers a full range of services and resources to support students from their first visit to school through graduation. Our offices and centers provide Academic Advising, Career Development and Job Placement Services.

Stellar Career College does not provide student housing and does not offer student housing assistance. Stellar Career College also does not provide transportation or childcare.

LIBRARY/LEARNING RESOURCE CENTER

SCC provides students with extensive electronic learning resources accessible both on-campus and online 24/7.

1. SCC is a member of the **Library and Information Resources Network (LIRN)**, a robust online research platform that offers access to a wide range of academic databases, scholarly journals, e-books, business case studies, healthcare management publications, and statistical data repositories.
2. Students can conduct research, access full-text peer-reviewed journals, and utilize discipline-specific resources aligned with business administration, healthcare administration, data analytics, and sonography programs.

An on-site **Learning Resource Room** is available at the Hallandale Beach campus and provides:

- Computer workstations with internet access
- Research assistance from trained academic support staff
- Reference books, professional manuals, and industry publications supporting the College academic offerings
- Portable audiovisual equipment to support classroom instruction as needed

The on-campus Learning Resource Room is open **Monday through Thursday, 9:00 AM to 6:00 PM**, and students may access the LIRN database and other online resources remotely **24/7**.

STUDENT ADVISING SERVICES

Stellar Career College has a full-time advisor on staff to help you with your educational plan, program requirements; curricular offerings; college procedures, regulations, and policies; as well as personal concerns. Balancing the demands of school and your personal life can be challenging. We are here to help students handle this stress and pressure successfully and constructively. At times, just talking can make a difference while other times, more intervention is needed. Our staff can assist students in overcoming personal, academic situations that could negatively impact their progress and success at College. We work to create a learning environment where our students feel safe, respected and valued, and facilitate the process of developing a balanced and

healthy lifestyle, including care for oneself that give students the information necessary to enter the job market, one-on-one training sessions, professional resume writing services, mock interviews, and other employment preparation activities are available for students. Stellar Career College is committed to:

TUTORING

Additional assistance may be arranged in case extra help is required to succeed academically. All students who need assistance with additional tutoring are advised contact the student services office at their earliest convenience.

CAREER SERVICES AND PLACEMENT ASSISTANCE

The Office of Career Services assists students with all aspects related to attaining optimum satisfaction in their career choice. We believe that choosing a career is a developmental process with the opportunity for growth throughout life. Workshops on a variety of topics making every reasonable effort that give students the information necessary to enter the job market, one-on-one training sessions, professional resume writing services, mock interviews, and other employment preparation activities are available for students. Stellar Career College is committed to prepare students to secure employment, though it cannot guarantee graduate placement.

3. Job Placement Advising
4. Resume Building Seminar
5. Professional Resume, Cover Letter, and Reference Sheet
6. Interview Preparation
7. Access to job leads

Details of these services are elaborated further in the employment assistance section Details of known vacancies in the field will be brought to the attention of qualified graduates. Some companies may contact this institution for candidates for employment.

Important Note: While the school will provide employment assistance, it can not guarantee a placement/job.

INDIVIDUAL COUNSELING

Students who require counseling from licensed counselor will be referred to the local governmental and non-profit groups.

SUPERVISION OF ATTENDANCE RECORDS

Stellar Career College supervises records and reports the attendance of the students:

a. The faculty for each course takes attendance.
b. Instructors submit attendance sheets to college staff members responsible for monitoring student attendance.

SUPERVISION AND MONITORING OF LEAVES OF ABSENCE

All approved Leaves of Absence are actively monitored by the College to ensure compliance with institutional and regulatory requirements. The Registrar's Office, in coordination with

academic administration, tracks the duration of the leave, maintains appropriate documentation, and monitors the student's scheduled return date. Students are expected to maintain communication with the College during their leave and confirm their intent to return as required. Final oversight and any necessary determinations are conducted by the Campus Director.

SUPPORT GROUPS

A list of local support groups will be maintained on the Student Services board for any student who may need a support group.

LEARNING RESOURCES

SCC has subscribed the membership with "Library and Information Resources Network (LIRN)" to support programs. SCC will continue to enhance its library resources. Additional resources as and when suggested by the Program Advisory Committees (PACs) will be acquired. The course syllabi include the course textbook and supplemental references. SCC is a member of Library and Information Resources Network (LIRN). LIRN provides access to millions of peer-reviewed and full-text journals, magazines, newspapers, eBooks, podcasts and audio and video content to support the academic studies of studies. LIRN is accessible in the dashboard of SCC's Moodle LMS. Current LIRN membership includes the following resources:

a. Gale Health Bundle
b. Gale Health and Wellness
c. Gale OneFile: Health and Medicine
d. Gale Interactive Science Bundle 11
e. Gale Interactive Anatomy
f. Gale Interactive Chemistry
g. Gale OneFile: Nursing and Allied Health
h. ProQuest Databases
i. ProQuest Core
j. ProQuest Central
k. Gale eBooks

CLASSROOM EQUIPMENT

Stellar Career College provides modern computer equipment to ensure that students receive the most relevant technological training:

a. Intel Pentium-powered computers, to ensure fast access to your software programs
b. Large 17-inch monitors
c. Microsoft Windows
d. Microsoft Office and the relevant software packages on the market
e. Laser printers
f. Cable connection to the Internet to provide fast connections to the Internet
g. Multimedia including USB/ Flash Drive and headphones
h. Modern office features including fax and scanning abilities

ADMISSIONS

Applicants may enroll on any school day. At the time of enrollment the applicant will be informed of the next start date. Applicants are accepted on the basis of testing and suitability for the required training program.

PROGRAM SPECIFIC ADMISSION REQUIREMENTS

MRI PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or Associate Degree

S. no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Required
5	Letter of Recommendation	Required

Applicants with a Bachelor's or Higher Degree

S.no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Waived

6	Essay	Required
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

DMS PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or Associate Degree

S. no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts	Required

Applicants with a Bachelor's or Higher Degree

S.no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3	Waived

	• Passing score 30/50	
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents • Acceptance Letter • Enrollment Agreement	Required

	attempts • Passing score 30/50	
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents • Acceptance Letter • Enrollment Agreement	Required

RAD PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or Associate Degree

S. no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required

Applicants with a Bachelor's or Higher Degree

S.no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required

4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Required
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Waived
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

ECO PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or Associate Degree

S. no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required

Applicants with a Bachelor's or Higher Degree

S.no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required

3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Required
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Waived
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

VST PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or Associate Degree

S. no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required

Applicants with a Bachelor's or Higher Degree

S.no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required

2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 30/50	Required
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 30/50	Waived
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

SUR PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or Associate Degree		
S. no	Items	Status(Rec d or Waive

Applicants with a Bachelor's or Higher Degree		
S.no	Items	Status(Rec d or Waive

1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Required
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Waived
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

CSP PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or Associate Degree	**Applicants with a Bachelor's or Higher Degree**

S. no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Waived
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Waived
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

S.no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	Entrance Exam ● Maximum 3 attempts ● Passing score 25/50	Waived
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Waived
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

MA PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or	**Applicants with a Bachelor's or Higher**

Associate Degree

S. no	Items	Status(Required or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Waived
4	Entrance Exam ● Maximum 3 attempts	Waived
5	Letter of Recommendation	Waived
6	Essay	Waived
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

Degree

S.no	Items	Status(Required or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Waived
4	Entrance Exam ● Maximum 3 attempts	Waived
5	Letter of Recommendation	Waived
6	Essay	Waived
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Interview	Required
10	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

PN PROGRAM ADMISSION REQUIREMENTS

Applicants w/ a High School Diploma or Associate Degree

S. no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	HESI Exam ● Maximum 2 attempts ● 70% or Higher	Required
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Assessment	Required
8	Digital Literacy Assessment (70/100)	Required
9	Criminal Background Check	Required
10	Interview	Required
11	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

Applicants with a Bachelor's or Higher Degree

S.no	Items	Status(Rec d or Waive
1	Valid Government-issued ID or Passport	Required
2	Transcripts (min. CGPA 2.00)	Required
3	Resume	Required
4	HESI Exam ● Maximum 2 attempts ● 70% or Higher	Required
5	Letter of Recommendation	Required
6	Essay	Required
7	Distance Education Orientation Session	Required
8	Digital Literacy Assessment (70/100)	Required
9	Criminal Background Check	Required
10	Interview	Required
11	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

PROGRAM SPECIFIC ADMISSION REQUIREMENTS FOR INTERNATIONAL STUDENTS

DMS, RAD, MRI PROGRAM ADMISSION REQUIREMENTS

S. no	Items	Status(Required or Waived)
1	Valid Government-issued ID or Passport	Required
2	Student VISA	Required
3	I-94	Required
4	Financial Documentation	Required
5	English Proficiency Test	Waived
6	Transcripts (min. CGPA 2.00) or Diploma	Required
7	Resume	Waived
8	Entrance Exam ● Maximum 3 attempts ● Passing score 30/50	Waived
9	Letter of Recommendation	Waived
10	Essay	Waived
11	Distance Education Orientation Assessment	Required
12	Digital Literacy Assessment	Required

	(70/100)	
13	Interview	Waived
14	Sign Acceptance Documents ● Acceptance Letter ● Enrollment Agreement	Required

TRANSFER OF ACADEMIC CREDIT

Students who have completed similar training courses at other institutions may apply for transfer of credit in accordance with the following policies and procedures:

1. Application Submission
   Students must complete and submit a Transfer of Academic Credit Application to the Campus Director or their designee.

2. Supporting Documentation
   Students must provide a transcript and catalog course descriptions of the prior postsecondary training.

   - Official transcripts are required to post transfer credits.
   - Unofficial transcripts may be used to evaluate credit.
   - Photocopies of transcripts will not be accepted.

3. Eligibility of Courses
   - Only courses from accredited post-secondary training programs that correspond directly in content, scope, and length to Stellar Career College courses will be considered.
   - Technical coursework completed within the last five (5) years and general education coursework within the last seven (7) years is eligible for review, provided all other policy requirements are met.
   - Only courses with a grade of C or 2.0 or above will be considered.

4. Experiential Academic Credit
   - To be awarded experiential academic credit, students must demonstrate proficiency in the content area by passing an exam with a score of 90% or higher.
   - The exam may be taken one time only per course.
   - A non-refundable fee of $200 per course will be charged for credit-by-exam courses.

5. Decision Authority
   - All decisions regarding transfer of credit are made by the Campus Director or a designee.
   - Decisions are based entirely on the criteria outlined in these policies and procedures.

6. Impact on Academic Load and Financial Aid
   - Approval of transfer credits will reduce a student's academic load and may affect financial aid eligibility.
   - Approval is not guaranteed.
   - The limit for transfer credit is 8 quarter credits.
   - Approved transfer credit will be credited in the last quarter of the program.

7. Timing of Requests
    - All transfer of credit requests must be submitted, reviewed, and approved within 90 days of the start of a student's program.
    - Requests may use either an unofficial or official transcript.

8. Student Consent
    - Consent must be obtained from the student to proceed with the transfer of credit process.

VETERAN'S CREDIT FOR PREVIOUS EDUCATION OR TRAINING

Students must report all education and training. The school must evaluate and grant credit, if appropriate, with the training time shortened, the tuition reduced proportionately, and the VA and student notified.

NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION.

The transferability of credits you earn at Stellar Career College is at the complete discretion of an institution to which you may seek to transfer. Acceptance of the diploma you earn in your program is also at the complete discretion of the institution to which you may seek to transfer. If the credits or diploma that you earn at this institution are not accepted at the institution to which you seek to transfer, you may be required to repeat some or all of your coursework at that institution. For this reason you should make certain that your attendance at this institution will meet your educational goals. This may include contacting an institution to which you may seek to transfer after attending Stellar Career College to determine if your credits or diploma will transfer.

TRANSFER OR ARTICULATION AGREEMENTS

Stellar Career College has an articulation agreement with Ashworth College. Academic credits earned at SCC may be credited towards an Associate of Arts degree.

PROGRAMS OFFERED AND THEIR CORRESPONDING TUITION & FEES

The following schedule outlines the tuition fees and other required charges for each program. All amounts are current as of the catalog publication date

Program	Credentials	Program Length	Academic Credits	Lab Fee	Books, Technology, and Library Fee	Tuition	Registration Fee
Magnetic Resonance Imaging	Diploma	18 Months	66	0.00	$1,950	$34,000	$100
Radiologic Technologist	Diploma	18 Months	67.5	0.00	$1,950	$34,000	$100
Diagnostic Medical Sonographer (DMS)	Diploma	18 Months	66	0.00	$1,950	$34,000	$100
Echocardiography/ Noninvasive Cardiovascular Sonographer (NICVS)	Diploma	18 Months	62	0.00	$1,950	$34,000	$100
Vascular Sonography Technologist	Diploma	14 Months	54	0.00	$1,950	$29,000	$100
Surgical Technologist	Diploma	14 Months	62	0.00	$1,950	$24,000	$100
Medical Assisting with Phlebotomy Technician	Diploma	10 Months	35	0.00	$1,450	$16,500	$100
Practical nursing	Diploma	15 Months	63	$1,500	$2,740	$28,602	$100
Cyber security Professional	Diploma	12 Months	48	0.00	$1,950	$11,000	$100

* Total fees do not include registration fees.
This schedule is subject to change students should confirm tuition and fee information prior to enrollment Tuition and fees are subject to change based on program requirements, instructional resources, regulatory approvals, or individual students' circumstances. Additional costs may apply for uniforms, supplies, certification exams, or licensing where applicable. Please refer to the Stellar Career College website for the most current tuition calculator and critical updates.

SCHOLARSHIPS

At Present SCC - Chicago does not provide any Scholorships.

INTEREST-FREE PAYMENT PLANS

Payment plans will be offered on a case by case basis. Please contact the financial aid department for more details.

TUITION FUNDING

Stellar Career College accepts tuition funding from the following sources:

a. Personal Payment – Cash, Check, Visa, MasterCard, and American Express
b. Rehabilitation
c. Worker's Compensation
d. Title IV
e. Workforce Innovation and Opportunity Act (WIOA)
f. Third-Party Lenders

FINANCIAL AID

Stellar Career College participates in federal and state financial aid programs. Students who are interested in obtaining financial aid will be advised of their options in the initial interview. Students who wish to apply for Direct Loans or Pell grants should make an appointment with Stellar Career College's Financial Aid Officer. The Financial Aid Officer will assist the student in completing a Free Application for Federal Student Aid (FAFSA), which will be submitted to the United States Department of Education. Eligibility for federal student aid will be based on current federal guidelines and determined solely by the Department of Education. If a student obtains a loan to pay for an educational program, the student will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund. If the student has received federal student financial aid funds, the student is entitled to a refund of the money not paid from federal student financial aid program funds. Students who participate in the Direct Loan program are required to receive advisement prior to the beginning of training and again prior to completion of their program of study. This advisement will be scheduled through and provided by the Stellar Career College Financial Aid Officer

ADD/DROP PERIOD

Students are permitted to make schedule adjustments during the Add/Drop period at the beginning of each academic term.

The Add/Drop period lasts seven (14) calendar days from the start date of the Quarter.

During the Add/Drop period, students may:

- Add courses with approval from the Program Director or Academic Administration.
- Drop courses without academic penalty.
- Withdraw from the program without incurring tuition charges, in accordance with the institution's refund policy.

Students who officially drop or withdraw during the Add/Drop period will not receive academic credit for the course(s) and no grades will be recorded on the transcript.

Students who remain enrolled after the Add/Drop period will be considered officially registered in their courses, and tuition charges will apply.

Failure to attend classes or participate in required academic activities during the Add/Drop period may result in administrative withdrawal.

Students who withdraw after the Add/Drop period will be subject to the institution's withdrawal and refund policies, and academic records will reflect the appropriate grade or withdrawal status.

STUDENT'S RIGHT TO CANCEL

The student has the right to cancel the initial Enrollment Agreement, without any penalty or obligations, through attendance at the first class session or the fifteenth calendar day after enrollment, whichever is later. After the end of the cancellation period, you also have the right to stop school at any time; and you have the right to receive a pro rata refund if you have completed 60 percent or less of the scheduled days in the current payment period in your program through the last day of attendance. Refunds on all monies paid to date are made within 45 days of cancellation; Notice of cancellation shall be made in writing to: The Director: Stellar Career College, 205 West Randolph Street, Suite 200, Chicago, IL-60606.

REFUND/ CANCELLATION POLICY

All student refunds will be made according to the following policies:

1. All registration fees, tuition, and any other charges shall be refunded to the student when notice of cancellation is given before midnight of the fifth business day after the date of enrollment but prior to the first day of class.
2. The school will retain only the registration fee when notice of cancellation is given after midnight of the fifth business day following acceptance but prior to the close of business on the student's first day of class attendance, which may not exceed $150 or 50% of the cost of tuition, whichever is less.
3. When notice of cancellation is given after the student's completion of the first day of class attendance, but prior to the student's completion of 5% of the course of instruction, the school may retain the registration fee, an amount not to exceed 10% of the tuition and other instructional charges or $300, whichever is less, and, subject to the limitations of item 13 of this section, the cost of any books or materials which have been provided by the school.
4. When a student has completed classes in excess of 5% of the course of instruction, the school will retain the registration fee but shall refund a part of the tuition and other instructional charges in accordance with the following:
5. School will retain an amount computed pro rata by days in class plus 10% of tuition and other instructional charges up to completion of 60% of the course of instruction. When the student has completed in excess of 60% of the course of instruction, the school will retain the registration fee and the entire tuition and other charges.
6. A student, who on personal initiative and without solicitation enrolls, starts, and completes a course of instruction before midnight of the fifth business day after enrollment agreement is signed, is not subject to the cancellation provisions of this Section.
7. Applicants not accepted by the school shall receive a refund of all tuition and fees paid within 30 calendar days of the day when the determination of non-acceptance was made.
8. Registration fees of $100.00 shall be chargeable at initial enrollment and shall not exceed $150 or 50% of the cost of tuition, whichever is less.
9. Deposits or down payments shall become part of the tuition.

10. The school shall mail a written acknowledgement of a student's cancellation or written withdrawal to the student within 15 calendar days of the postmark date of notification. Such written acknowledgement is not necessary if a refund has been mailed to the student within the 15 calendar days.
11. All student refunds shall be made by the school within 30 calendar days from the date of receipt of the student's cancellation. The refunds are made directly to the source of payment.
12. A student may give notice of cancellation to the school in writing. The unexplained absence of a student from a school for more than 15 school days shall constitute constructive notice of cancellation to the school. For purposes of cancellation, the date shall be the last day of attendance.
13. A school shall refund all monies paid to it in any of the following circumstances:
14. The school cancels or discontinues the course of instruction in which the student enrolled;
15. The school fails to conduct classes on days or times scheduled, detrimentally affecting the student.
16. A school must refund any book and materials fees when:
17. The book and materials are returned to the school unmarked; and
18. The student has provided the school with a notice of cancellation.
19. The above refund policy is applicable to all the students enrolled in the school.
20. The school did not provide the prospective student with a copy of the student's valid enrollment agreement and a current catalog or bulletin.

ATTENDANCE REQUIREMENTS

Attendance/Tardiness Policy
The Institution emphasizes the need for all students to attend classes on a regular and consistent basis in order to develop the skills and attitudes necessary to compete in the highly competitive labor market. Because much of each program is conducted in a hands-on environment, attendance is critical for proper skill building. Tardiness disrupts the learning environment and is discouraged. Student attendance is posted based upon the time present in class. Students who arrive late or leave class early will have those minutes deducted from their attendance. Tardiness or absences in any class are counted toward the 70% attendance requirement. Failure to meet the attendance requirement could lead to dismissal from the institution if the absences exceed 30% of the total program hours.

Student Attendance Monitoring
Students will be informed, on a regular and timely basis, of their progress in meeting the standards of attendance. Student will be communicated if there will not reach the required 70% attendance for all courses in a term. This is part of the Satisfactory Academic Progress (SAP) report. Advisements must clearly outline consequences of failing to meet minimum cumulative attendance requirements, including making up hours and/or delaying graduation. All advisements will include an action plan and timeline for attendance remediation

Days of Absences and Automatic Withdrawal from the College

A student will be automatically withdrawn from the college if a student is absent from school for four (4) consecutive class days for a 1-day-per-week class schedule, eight (8) consecutive class days for a 2-days-per-week class schedule, and twelve (12) consecutive class days for a 3-days-per-week class schedule. The consecutive class days will not include school-scheduled breaks (winter break, term break, or any other similar scheduled break) and any school's scheduled holidays published in the academic calendar in the catalog

LEAVES OF ABSENCE

Stellar Career College may grant a Leave of Absence on a case-by-case basis for students experiencing qualifying circumstances. All LOA requests must be reviewed and approved by the Campus Director. Students are encouraged to refer to the Student Handbook for complete details regarding eligibility, requirements, and the impact on academic and financial status.

MAKE-UP WORK

Make-up work must be resolved with the Instructor prior to the program graduation date. All make-up or incomplete work must be completed prior to the program graduation date. The maximum time frame for any program is 1.5 times the length of the program. Any incomplete work beyond the maximum program length will result in termination.

GRADING SYSTEM

The school's grading system is as follows:

Letter Grade	%	Quality	Quality Points	Effect on Credits Earned	Effect on Credits Attempted	Effect on CGPA	Effect on SAP (Rate of Progress)
A	94%-100%	Superior	4.0	Y	Y	Y	Y
A-	90%-93%		3.7	Y	Y	Y	Y
B+	84%-89%	Excellent	3.3	Y	Y	Y	Y
B-	80%-83%		3.0	Y	Y	Y	Y
C+	70%-79%	Satisfactory	2.5	Y	Y	Y	Y
F	0%-69%	Fail	0.0	Y	Y	Y	Y
I	N/A	Incomplete	0.0	N/A	N/A	N/A	N/A
TC	N/A	Transfer Credit	0.0	Y	Y	N	Y
PC	N/A	Proficiency Credit	0.0	Y	Y	N	Y
W	N/A	Withdrawal	0.0	Y	Y	N	Y

Incomplete grade

Once enrolled in a course, students should make the effort to complete all course assignments during the module in which they are officially enrolled. However, circumstances of unusual and exceptional hardship may arise which prevent students from completing course assignments by the end of the module. In those cases, an

Incomplete grade, "I," may be granted to a student who has completed 75% of the assignments required by the course. Students must petition to receive an Incomplete in the course with the approval of the instructor and the Director.

Students must complete a petition form and submit it to the instructor prior to the last class meeting. Petition forms are available in the Education Department. Students who are granted an Incomplete will receive a grade of "I" followed by a "/" and the grade earned thus far in the course (e.g., "I/D"). Students must submit all missing course requirements to the instructor within two (2) weeks after the end of the course. Students officially enrolled in an externship may petition for additional time to complete the externship with the permission of the Director. If the missing requirements are not completed, the student will be issued the grade indicated on the Incomplete Petition. Regardless of whether the course work is completed, the Incomplete will be changed to a letter grade.

The instructor and/or College President may assign Incomplete Grade (INC) to the students at their discretion.

Failure
Any course in a program of study that fails must be repeated and passed.

Withdrawal / Course Drop
A course is assigned a withdrawal grade of "W" when a student officially withdraws or is withdrawn by the College. A course withdrawal is not included in the calculation of a grade point average; however, it does negatively impact the rate of progress by increasing the number of credit hours attempted.

Transfer Credit
When a student receives advanced academic standing a grade of "TC" is assigned for the course. Advanced academic standing counts toward meeting graduation requirements and the credits count toward satisfactory academic progress.

Grade Point Average
To calculate a grade point average, multiply the quality points associated with each grade times the number of credit hours for each course. Add these quality points and divide by the total number of credit hours.

SATISFACORY ACADEMIC PROGRESS (SAP)

Satisfactory Academic Progress (SAP) policy applies to all students at Stellar Career College. All periods of a student's enrollment at SCC are used in determining SAP. Satisfactory Academic Progress (SAP) is measured by:

a. A student's cumulative grade point average (CGPA); and
b. A student's pace of completion (progress toward the completion of their program, completion rate).

Academic Advisement

Students are provided with their progress report at the end of each term. If a student fails to meet SAP requirements, he/she will be placed on academic advice. Academic advice should clearly outline the consequences of failing a course and potential risks of not meeting Satisfactory Academic Progress. The formal advice should also outline a specific action plan to improve a student's academic progress including, but not limited to, additional coaching and tutoring.

Maximum Time Frame

All students must complete their program of study in a period not exceeding 1.5 times (150%) the normal duration of the program as measured in credit hours attempted. For example, if a program requires successful completion of 36 credit hours, the student may not attempt more than 54 credit hours (1.5 × 36) in the completion of his or her program. In order to graduate, a student must successfully complete 100% of the required courses and attain a grade point average (CGPA) of 2.0 within the maximum time frame.

Required Evaluation Schedule – Satisfactory Academic Progress

The evaluation period for determining satisfactory academic progress for all students will be each payment period (each academic term). From 2nd term on wards, a student's SAP may also be re-evaluated if certain courses/modules in the term end by the midterm point. SAP calculations will be based on all credit hours attempted and earned. Proficiency Credit (PC), Transfer Credit (TC), Repeated courses (including previously passed courses), and Withdrawals (W) grades count as credits attempted but not earned, and count towards maximum timeframe and pace of completion. The final grade received on the last repeat of a course is used in the GPA calculation. Incomplete grades (I) will count as credits attempted but not earned, and will not count towards the CGPA until the final grade has been posted.

Required SAP minimums are outlined in the table below:

Percent of Program Attended	Minimum CGPA	Minimum Pace of Completion
0-24.9%	1.00	50%
25-49.9%	1.50	60%
50-150%	2.00	67%

If a student fails to maintain satisfactory progress then the student will be warned of any unsatisfactory progress. If unsatisfactory progress continues then a student may be placed on probation. If unsatisfactory progress continues during probation then a student will be dismissed from the program.

Students not meeting these benchmarks are not making Satisfactory Academic Progress (SAP). The first time a student is not making SAP, the student is placed on academic warning. Students on academic warning will be notified by the Advisor and/or Director.

Appealing Academic Probation

To appeal probation, a student must write a letter to the Director or Coordinator of the program stating what circumstances lead to poor academic performance. Acceptable circumstances are generally outside of the student's control and are unavoidable. Examples include: Death of a family member, an illness or injury suffered by the student, documented medical condition or serious illness, Documented learning disability, Domestic violence, Involuntary call to active military duty, Documented change in conditions or employment or Special circumstances of an unusual nature which are not likely to recur. Documentation to support the appeal must be submitted with the appeal letter. In addition, the appeal letter must state what steps have been taken to correct the situation. The student should submit the appeal letter to the Director.

GRADUATION

To be eligible for graduation, students must:

1. Complete all required courses with a Cumulative Grade Point Average of at least 2.0;
2. Meet the specific grade and other program requirements (if applicable);
3. Successfully complete the externship or clinical requirement (if applicable);
4. Achieve Satisfactory Academic Progress (SAP);
5. Complete all required certifications (if applicable).
6. Complete all courses for the program within 1.5 times the normal program length; and
7. Satisfy all financial requirements to the College and/or make agreeable payment arrangements.
8. Communication regarding graduation dates and associated changes will be communicated to students via their on file emails by the college using the email stellarcollegechicago@gmail.com

The document to be issued upon satisfactory completion of a program is a Diploma.

PROBATION

Students may be placed on probation for any of the following:

Absenteeism: Students whose attendance drops below 70%, or have four unexcused absences during their program, may be placed on probation for one month. Additional absences during such a probationary period may be considered unsatisfactory attendance and grounds for termination.

Conduct: Students who do not follow the rules of conduct as outlined in this catalog and in the Stellar Career College Policies and Procedures may be placed on probation for a period to be determined by the school. During the probationary period, additional infractions may be grounds for termination.

Unsatisfactory Progress: Students who do not maintain satisfactory progress may be placed on probation and given a progress plan. Failure to maintain the schedule outlined in the progress plan may be grounds for termination.

TERMINATION OR SUSPENSION

At the discretion of the school administration, a student will be dismissed from school for a serious incident or repeated incidents of an intoxicated or drugged state of behavior, possession of drugs or alcohol upon school premises, possession of weapons upon school premises, behavior creating a safety hazard to other persons at school, disobedient or disrespectful behavior toward any student or faculty member, or any other stated or determined infraction of conduct as outlined in the Stellar Career College Policies and Procedures received during student orientation. A student may also be dismissed for unsatisfactory progress, unsatisfactory attendance, or for unsatisfied financial obligations.

REINSTATEMENT

When a student has been dismissed from Stellar Career College, the student may be reinstated only after evidence has been provided, to the satisfaction of the Administration, that the conditions which led to dismissal have been rectified. All requests for reinstatement must be submitted in writing.

RECORDS

Enrollees are advised and cautioned that state law requires the educational institution to maintain school and student records for a period of not less than five years at its principal place of business. Transcripts are kept permanently.

Copies of on-site diplomas or transcripts may be made for a fee of $10.00. Thereafter, records are maintained in a secure, fireproof off-site location. Copies of diplomas or transcripts being stored off-site require 48 hours' notice and a $40.00 fee.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

Stellar Career College is compliant with the Family Educational Rights and Privacy Act that defines the procedures for maintaining the confidentiality of student records. Under this act student personal indefinable information will remain undisclosed except with written permission from the student or requirements by the law. This act protects student privacy and students' records will remain undisclosed but the student may review his or her own education records, request corrections to those records, and release other parties to examine the records. For more information, please request a copy of the document "Family Educational Rights and Privacy Act Summary" at the front desk.

STUDENT COMPLAINT AND GRIEVANCE PROCEDURE

Students should review the institution's Student Complaint Policy and Procedure document, which outlines the definitions of complaints, informal resolution expectations, formal written complaint requirements, review and decision timelines, and available internal and external resolution options. The document is available on the institution's website.

Students are required to follow the institution's internal Student Complaint Process prior to submitting a complaint to ACCSC. The step-by-step Student Complaint Process and Procedures document is available on the institution's website and provides detailed instructions for submitting and resolving complaints at the school level.

Schools accredited by the Accrediting Commission of Career Schools and Colleges must have a procedure and operational plan for handling student complaints. If a student does not feel that the school has adequately addressed a complaint or concern, the student may consider contacting the Accrediting Commission. All complaints reviewed by the Commission must be in written form and should grant permission for the Commission to forward a copy of the complaint to the school for a response. This can be accomplished by filing the ACCSC Complaint Form. The complainant(s) will be kept informed as to the status of the complaint as well as the final resolution by the Commission. Please direct all inquiries to:

Accrediting Commission of Career Schools & Colleges 2101 Wilson Boulevard, Suite 302 Arlington, VA 22201, 703 247-4212
www.accsc.org | complaints@accsc.org

A copy of the ACCSC Complaint Form is available at the school and may be obtained by contacting complaints@accsc.org or at https://www.accsc.org/Student-Corner/Complaints.aspx

NOTICE OF NON-DISCRIMINATION

Stellar Career College complies with all pertinent titles and sections of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, the Rehabilitation Act of 1973 and all other applicable federal, state and local laws. Stellar Career College does not discriminate on the basis of any characteristic protected by federal, state, or local law, ordinance, or regulation. Any discriminatory action should be reported to the Director.

STUDENTS WITH DISABILITIES

In conformity with the Federal Rehabilitation Act of 1SAP973 and the Americans with Disabilities Act (ADA) of 1990, Stellar Career College shall not discriminate, on the basis of disability, against any student in its academic programs, services, and activities. Individual students will be given reasonable and necessary accommodation based on specific information and assessment data documented by qualified medical professionals. Students who have special needs related to a permanent or temporary disability may request an accommodation from the president of Stellar Career College at any phase of their educational experience. The student is responsible for initiating the interactive process. An accommodation may be requested for an unlimited or a specified period of time. Each request for accommodation will be evaluated on a case-by-case basis. Consideration for an accommodation, however, cannot be retroactive. Once documentation has been provided and accommodations are agreed upon between the College and the student, faculty and staff will implement the accommodations. Stellar Career College facilities are essentially barrier-free and accessible to the disabled.

DISTANCE EDUCATION

SCC has an IBHE approval to offer all programs in both in-person/on-ground and hybrid modalities via the hybrid delivery method. Each program has both virtual (synchronous) via Moodle LMS and in-person/on-ground classes held at SCC Chicago Campus. Attendance of students in both delivery methods are recorded by the instructor. Participation in virtual classes should be substantial which is congruent to the expected learning outcomes of the course.

The graduation requirements for distance education modality is the same with in-person/on-ground delivery methods. Each student should meet the Student Academic Progress and other academic requirements to obtain a diploma. The Student Services Manager caters to the needs of all students regardless of the education modalities. For technical assistance, Moodle LMS has a "contact technical support" button in the LMS dashboard. Students can submit any technical support inquiries 24/7 using this button. The LMS Orientation Course is taken by the new students simultaneously with other hybrid courses. This course will teach the students how to use the Stellar College's Student Portal.

TECHNOLOGY AND EQUIPMENT REQUIREMENTS

SCC LMS Moodle platform is accessible at https://lms.stellarcollege.edu/login/index.php. A student should have access to a PC or laptop and be connected to a reliable internet to actively engage in all SCC courses. SCC provides a loaner assistance program for those students who have no laptops. Books and other materials are included in the total cost of the program except the uniforms. Other supplemental learning devices such as the Sonosim (Diagnostic Medical Sonographer and Echocardiography/Noninvasive Cardiovascular Sonographer) and MRI Simulator (Magnetic Resonance Imaging Technologist).

EXTERNSHIPS

Stellar Career college programs require that students are engaged in practice-based learning, by actively participating in a field of interest. An externship experience at a medical center, hospital, allows students to apply their coursework learning to a real life setting. These externship experiences offer students opportunities to observe and ask questions, and prepare students for the transition from school to career. For many past graduates, the externship site became their first job in their field.

EMPLOYMENT ASSISTANCE

Stellar Career College offers Career Services to help students prepare for employment in their field of study. These services are designed to support students from the time they begin their program through graduation and into the job search process. Although employment cannot be guaranteed, the College provides guidance and resources to help students pursue training-related positions.

*Career Services are available to all students and graduates.

Career Services Provided

1. Resume development and review
2. Job search guidance and application support

3. Referrals to employers and externship partners
4. Support during externship placement (for programs requiring externship)
5. Continued assistance after graduation

Career Services Process

Stellar Career College follows a step-by-step process to help students transition from coursework, to externship (if required), and then into employment. The process below outlines how the College supports students throughout their program.

Step 1: Academic Progress Monitoring

The College uses an internal Student Information System (SIS) to track each student's academic progress and enrollment status.

As students approach the end of their program or complete all required courses, the system notifies the appropriate school departments, including Career Services. This early notification helps Career Services begin preparing students for the job search process before graduation.

Step 2: Externship Placement and Support

(For programs that include externship)

For programs with an externship requirement, Career Services and the Externship Department assist students by:

1. Updating resumes before externship placement
2. Matching students with approved training sites
3. Preparing students for the externship experience
4. Maintaining communication with training sites to monitor progress
5. Providing additional skill practice or refresher training when needed

Many externship partners hire students either before or shortly after graduation. When students receive such opportunities, the College documents the employment in accordance with accreditation reporting requirements.

Step 3: Employment Preparation and Job Matching

Career Services begins supporting students during their externship or as they near graduation. Services include:

1. Reviewing and updating resumes to reflect current skills
2. Providing interview practice and coaching
3. Offering job search assistance

Helping students prepare professional portfolios, where applicable. Once a student's resume and profile are complete, Career Services may share the information with externship partners or employers in the College's network, with the student's consent. If employment is not secured through these sites, Career Services continues to assist with:

1. Job referrals
2. Networking opportunities
3. Employer introductions

The College does not guarantee employment but provides ongoing support to help students pursue positions aligned with their training.

Step 4. Post-Graduation Follow-Up

Career Services continues to work with graduates who are still seeking employment after completing their program. This support may include:

Resume revisions
Interview practice
New employer referrals
Additional workshops or refresher sessions

Graduates are encouraged to stay in contact with Career Services and to update the College when employment is obtained. Employment information and follow-up actions are recorded in the SIS for tracking and reporting purposes.
The College has strengthened its communication process over time, helping students build relationships with Career Services staff while enrolled. This approach supports smoother transitions into employment after graduation.

STUDENT CODE OF CONDUCT

Since students are training for positions in business and industry, it is expected that their conduct conform to the required standards. Stellar Career College is committed to preparing students to meet the expectations of employers. All students are expected to observe standards of social conduct, business conduct including fraudulent behaviors, courtesy and wear appropriate attire. Any behavior disruptive to classroom activities such as interfering with other students' studies, cheating on tests or assignments, unprofessional behaviors or conduct to other students and employees of Stellar Career College will be grounds for suspension or possible termination. The use of profanity, alcoholic beverages or illegal drugs on the College property is not permissible. No eating or drinking is permitted in the classrooms or offices. Smoking is not allowed anywhere in College. For the convenience of students, a lounge area is provided for use during meal times and breaks. Each student is held responsible for compliance with the rules and regulations contained in this catalog. Failure to comply by invoking ignorance will not absolve the student from responsibility. Therefore, knowledge of the contents of this catalog is essential.

NO SMOKING POLICY

There is no smoking in the Stellar Career College facility. This includes all classrooms, the Resource Center, laboratories, hallways, restrooms, conference and meeting rooms, entryways and areas used by students and employees. Additionally, the City of Chicago regulations require that smokers not be located within 20 feet of an entrance to the building. Therefore, designated smoking areas have been set up outside the building for those who smoke.

DRUG AND ALCOHOL POLICY

The possession, use or sale of drugs and/or alcohol is strictly forbidden on campus grounds at any time. Any violation of this policy by students, staff or faculty will result in appropriate legal and administrative action and possible dismissal from College. All students, staff and faculty are required to sign a Statement of Commitment to remain drug and alcohol free while on campus. Information about the effect of alcohol and other drugs with referral sources are available in the admissions office.

SEXUAL HARASSMENT POLICY AND PROCEDURE

It is the policy of Stellar Career College to provide an educational, employment, and business environment free from unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct or communications constituting sexual harassment. Employees, students, or other persons acting on behalf of the organization who engage in sexual harassment shall be subject to discipline, up to and including discharge, expulsion, or termination of contract. Any member of the academic community, which includes students, faculty, and staff, who believes, perceives, or actually experiences conduct that may constitute sexual harassment, has the right to seek the help of Stellar Career College. Every employee has the responsibility to report such conduct to the immediate supervisor or the College's Director when it is directed toward students.

PROGRAM SPECIFIC INFORMATION

PRACTICAL NURSING

CIP Code: 51-3901

Program Description:
The Practical Nursing (PN) Program at Stellar Career College is designed to prepare students for a rewarding career in healthcare by combining classroom instruction, hands-on lab practice, and supervised clinical experiences. Students gain the knowledge and skills needed to provide safe, effective, and compassionate care across the lifespan. The program introduces students to the fundamentals of nursing, pharmacology, mental health, maternal/child health, adult health, nutrition, and gerontological nursing, while emphasizing evidence-based practice, communication, and cultural competence. With clinical rotations in diverse healthcare settings, students build confidence in real-world patient care scenarios.
Graduates are prepared to sit for the NCLEX-PN licensure exam and begin their careers as Licensed Practical Nurses (LPNs), equipped to work in hospitals, long-term care facilities, clinics, and community health organizations.
Program Duration: 15 months
Quarter Credit: 63
Program Objectives:
Upon successful completion of the Practical Nursing Program, students will be able to:

1. Provide patient-centered care across the lifespan, promoting health and wellness while reducing risk for vulnerable populations.
2. Apply the nursing process and the Clinical Judgment Measurement Model (CJMM) to deliver safe, evidence-based care.
3. Integrate legal, ethical, cultural, and spiritual principles into nursing practice.
4. Educate patients and families on health promotion, disease prevention, and self-care strategies.
5. Administer medications and perform clinical procedures safely within the PN scope of practice.
6. Communicate effectively with patients, families, and members of the interprofessional healthcare team.
7. Collaborate with healthcare professionals to ensure continuity of care and address social determinants of health.
8. Function as a patient advocate to promote quality, dignity, and safety in all healthcare settings.
9. Demonstrate professionalism and lifelong learning, reflecting on practice to support ongoing growth and competence.

Program Curriculum:

Course Code	Course Name	Clinical Credits	Quarter credit
PN 111	Fundamentals of Nursing	1	6.5
PN 101	Anatomy and phiciology		3
PN 102	Basic Medical Terminology		3
PN 112	Pharmacology in Nursing		4
PN 113	Mental Health Nursing	1.5	5
PN 114	Maternal and Child Health Nursing	2	7
PN 115	Gerontological Nursing	3	6.5
PN 116	Adult Health Nursing I	3	8
PN 117	Nutrition and Diet Therapy		4
PN 119	Adult Health Nursing II	3.5	8
PN 120	Nursing Leadership and Management		4
PN 121	NCLEX-PN Prep Course I		2
PN 122	NCLEX-PN Prep Course II		2
Total		**14**	**54**

Program Format:
The College will offer this program in on-ground format as well as in hybrid format in which students can take up to 45% of the courses using online delivery method.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college.

MAGNETIC RESONANCE IMAGING (MRI) TECHNOLOGIST

CIP Code: 51-0920

Program Description:
The Magnetic Resonance Imaging (MRI) is a diagnostic modality used for medical imaging procedures. It is a powerful tool that can offer a wealth of information about the human body. MRI is performed by using a specialized scanner called an MRI machine. The MRI suit consists of a computer station, patient's table that slides into a large cylinder of the MRI machine. Inside the cylinder is a magnet that, when operated, creates a powerful magnetic field. With the help of magnetic fields and radio waves, images inside the human body are taken. This procedure is especially helpful to collect images of soft tissue such as organs & muscles which do not appear on x-rays. The MRI Program offers an in-depth explanation of how MRI works. This course not only serves the basic introduction to MR imaging, but also assists students with the general overview of the didactic components as well as clinical externship required for the certification.
Program Duration: 20 months
Quarter Credit: 66
Program Objectives:
The following are the program objectives:

1. Learn the components of the MR system hardware,
2. Learn magnetism with reasonable comfort and ability to use the subjective material,
3. Learn the mechanism by which MR signal is produced and detected,
4. Learn MR tissues characteristics such as density,
5. Learn conceptualize and explain spatial localization as well as MR image formation,
6. Learn to apply the principle of pulse sequences for appropriate clinical application,
7. Learn to apply the imaging parameters & options available to the user for optimal MR imaging,
8. Learn to identify the tissue parameters that affect tissue contrast,
9. Learn patient care & safety, and
10. Learn the basics on how to maintain scanner such as quality control (QC)

Program Curriculum:

Course Code	Course Name	Quarter credits
MRI 111	Basic Medical Terminology	2
MRI 112	Human Anatomy and Physiology	4
MRI 113	Healthcare Laws and Ethics	2
MRI 114	Patient Care in Imaging	4
MRI 121	MRI Physics & Imaging Techniques I	4
MRI 122	MRI Physics & Imaging Techniques II	4
MRI 123	MRI Cross Sectional Anatomy I	4
MRI 131	MRI Physics & Imaging Techniques III	2
MRI 132	MRI Physics & Imaging Techniques IV	2
MRI 133	MRI Cross Sectional Anatomy II	2
MRI 134	Externship I	6
MRI 211	MRI Physics & Imaging Techniques V	2
MRI 212	MRI Cross Sectional Anatomy III	2
MRI 213	Externship II	8
MRI 221	MRI Physics & Imaging Techniques VI	3
MRI 222	MRI Cross Sectional Anatomy IV	2
MRI 223	Externship III	7
MRI 231	Registry Review	1
MRI 232	Externship IV	5
Total		**66**

Program Format:

The College will offer this program in on-ground format as well as in hybrid format in which students can take up to 45% of the courses using online delivery method.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college.
To become eligible to challenge national certification exam in MRI through ARRT, students have to complete the following requirements:

a. Complete Stellar Career College's ARRT-recognized educational program in MRI.
b. Must demonstrate competency in formal classroom education (didactic coursework), and program's clinical requirements.
c. Complete an associate (or higher) degree, in any subject, from an educational institution accredited by an agency ARRT recognizes. You may earn the degree at

any time—before, after, or while you complete an educational program in your discipline.

d. ARRT enforces high standards of ethics and professional conduct. Students must comply with everything in the ARRT Standards of Ethics, including the Rules of Ethics. You must notify ARRT of any ethics violations within 30 calendar days of their occurrence, Applicants who don't follow these rules might become ineligible. Several types of misconduct, charges, and convictions may violate ARRT's Rules of Ethics. For further details on this matter, please refer to ARRT's handbook that is available at www.arrt.org.

RADIOLOGIC TECHNOLOGIST

CIP Code: 51-0911

Program Description:
The radiologic technology is a diagnostic modality used for medical imaging procedures. A radiologic technologist, also known as a radiographer or x-ray tech, performs diagnostic imaging examinations, such as x-rays, on patients. It is a powerful tool that can offer a wealth of information about the human body. This program prepares individuals to provide medical imaging services to patients. Includes instruction in applied anatomy and physiology, patient positioning, radiologic technique, radiation biology, safety and emergency procedures, equipment operation and maintenance, quality assurance, patient education, and medical imaging/radiologic services management. Radiologic technologists are responsible for handling infectious and radioactive materials, and ensuring that safety measures meet government regulations. They may oversee radiologic staff, assigning duties and supervising the work, and help the facility in various administration related activities. Radiologic technologists and technicians work in hospitals, doctor's offices or clinics and laboratories.
Program Duration: 18 months
Quarter Credit: 67.5
Program Objectives
The following are the program objectives:

1. Learn the components of the radiology system hardware,
2. Learn safety and radiation protection mechanism,
3. Learn the mechanism by which x-ray signal is produced and detected,
4. Learn image acquisition and technical evaluation using radiology system,
5. Learn equipment operation and quality assurance techniques,
6. Learn to apply the principle of pulse sequences for appropriate clinical application,
7. Learn imaging procedures for head, spine, pelvis, thorax, abdomen, and extremity,
8. Learn to identify the tissue parameters that affect tissue contrast,
9. Learn patient care & safety including patient interactions and management, and
10. Learn the basics on how to maintain radiology system hardware and quality control techniques.

Program curriculum.

Course Code	Course Name	Quarter Credits
RAD 111	Basic Medical Terminology	2
RAD 112	Human Anatomy and Physiology	4
RAD 113	Healthcare Laws and Ethics	2
RAD 114	Patient Care in Imaging	4
RAD 121	Radiologic Procedures I	4
RAD 122	Radiologic Procedures II	4
RAD 123	Radiation Physics and Radiobiology II	2
RAD 124	Radiation Protection I	2

RAD 131	Radiologic Procedures III	2
RAD 132	Radiation Physics and Radiobiology II	2
RAD 133	Radiation Physics and Radiobiology III	2
RAD 134	Externship I	2
RAD 135	Radiation Protection II	2
RAD 136	Radiologic Procedures III	2
RAD 211	Radiologic Procedures IV	2
RAD 212	Externship II	2
RAD 213	Radiation Physics and Radiobiology IV	2
RAD 214	Imaging Pathology	2
RAD 215	Externship III	4
RAD 221	Radiologic Procedures V	2
RAD 222	Radiologic Image Production	2
RAD 223	Digital Radiography & PACS	2
RAD 224	Externship IV	6
RAD 231	Registry Review	2.5
RAD 232	Externship V	5
	TOTAL	**67.5**

Program Format:
The College will offer this program in on-ground format as well as in hybrid format in which students can take up to 45% of the courses using online delivery method.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college.
To become eligible to challenge national certification exam in Radiology through ARRT, students have to complete the following requirements:

a. Complete Stellar Career College's ARRT-recognized educational program in Radiology.
b. Must demonstrate competency in formal classroom education (didactic coursework), and program's clinical requirements.
c. Complete an associate (or higher) degree, in any subject, from an educational institution accredited by an agency ARRT recognizes. You may earn the degree at any time—before, after, or while you complete an educational program in your discipline.
d. ARRT enforces high standards of ethics and professional conduct. Students must comply with everything in the ARRT Standards of Ethics, including the Rules of Ethics. You must notify ARRT of any ethics violations within 30 calendar days of their occurrence, Applicants who don't follow these rules might become ineligible. Several types of misconduct, charges, and convictions may violate ARRT's Rules of

Ethics. For further details on this matter, please refer to ARRT's handbook that is available at www.arrt.org.

DIAGNOSTIC MEDICAL SONOGRAPHER (DMS)

CIP Code: 51-0910

Program Description:
The Diagnostic Medical Sonography (DMS), also called ultrasound, is a diagnostic modality used for medical imaging procedures. It is a powerful tool that can offer a wealth of information about the human body. DMS is performed by using a specialized scanner called a transducer which is connected with the ultrasound machine. The transducer, after attaching to the skin, produces high frequency sound waves which are transmitted into the human body. These ultrasound waves reflect from organs, body fluids & different tissues densities to the transducer. From the transducer the sound waves are then transformed into images on the screen of the ultrasound machine. These ultrasound images provide valuable information for diagnosing and treating a variety of diseases. It also helps in observing and visualizing the condition & behavior of the fetus-in-utero (before birth). Therefore ultrasound has become the most widely used imaging modality in modern medicine and it will continue to expand. The DMS Program offers an in-depth explanation of how DMS works.
Program Duration: 18 months
Quarter Credit: 66
Program Objectives:
The following are the program objectives:

1. Learn how to operate the machine,
2. Learn how to enter patient information,
3. Learn how to adjust depth measurement,
4. Learn how to adjust frequency,
5. Learn how to demonstrate indicator orientation,
6. Learn how to save images,
7. Learn how to establish objective criteria,
8. Learn how to position the patient for the specific test,
9. Learn the basic introduction to accreditation bodies, and
10. Learn the standards for ultrasound QC (quality control).

Program curriculum.

Course Code	Course Name	Quarter credits
DMS 111	Basic Medical Terminology	2
DMS 112	Human Anatomy and Physiology I	4
DMS 113	Healthcare Laws and Ethics	2
DMS 114	Intro to Sonography	4
DMS 121	Patient Care in Imaging	2
DMS 122	Human Anatomy and Physiology II	2
DMS 123	Fundamentals of Sonography I	4
DMS 124	Abdominal Sonography I Lab (knobology, orientation, RUQ, renal)	4

DMS 131	Fundamentals of Sonography (Abdomen II)	4
DMS 132	Abdominal Sonography II Lab (thyroid, scrotum, superficial structures, aorta)	4
DMS 133	Ultrasound Physics	4
DMS 211	Fundamentals of Sonography (Gynecology/Pelvic)	2
DMS 212	Gynecology Sonography Lab (uterus, endometrium, ovaries, adnex	2
DMS 213	Externship 1	8
DMS 221	Imaging Pathology	1
DMS 222	Fundamentals of Sonography (Obstetrics)	1
DMS 223	Obstetrical Sonography Lab (first, second, third trimester protocols)	1
DMS 224	Externship II	9
DMS 231	Registry Review	1
DMS 232	Vascular Sonography I	0.5
DMS 233	Vascular Sonography I Lab (carotid, upper/lower extremity venous studies)	0.5
DMS 234	Externship III	4
DMS 235	Imaging Capstone	1.5
	Total	**67.5**

Program Format:
The College will offer this program in on-ground format as well as in hybrid format in which students can take up to 45% of the courses using online delivery method.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college.
To become eligible to challenge national certification exam in Sonography through ARRT, students have to complete the following requirements:

a. Complete Stellar Career College's ARRT-recognized educational program in Sonography.
b. Must demonstrate competency in formal classroom education (didactic coursework), and program's clinical requirements.
c. Complete an associate (or higher) degree, in any subject, from an educational institution accredited by an agency ARRT recognizes. You may earn the degree at any time—before, after, or while you complete an educational program in your discipline.
d. ARRT enforces high standards of ethics and professional conduct. Students must comply with everything in the ARRT Standards of Ethics, including the Rules of Ethics. You must notify ARRT of any ethics violations within 30 calendar days of their occurrence, Applicants who don't follow these rules might become ineligible. Several types of misconduct, charges, and convictions may violate ARRT's Rules of Ethics. For further details on this matter, please refer to ARRT's handbook that is available at www.arrt.org.

ECHOCARDIOGRAPHY / NONINVASIVE CARDIOVASCULAR SONOGRAPHER (NICVS)

CIP Code: 51-0901

Program Description:
Non-Invasive Cardiovascular Sonography (NICVS), or Echocardiography (Echo), is a diagnostic modality used for medical imaging of heart & blood vessels. It is a powerful tool that can offer a wealth of information about the human heart and peripheral blood vessels. Echocardiography (cardiac ultrasound) is performed by using a specialized scanner called a transducer (or probe) which is connected with the echo machine. The transducer, after attaching to the skin of the chest, produces high frequency sound waves (ultrasound) which are transmitted into the human body. These ultrasound waves reflect from heart/blood vessels to the transducer. From the transducer the sound waves are then transformed into images on the screen of the echo machine. These cardiovascular images provide valuable information for diagnosing and treating a variety of heart and blood vessels diseases. Therefore Cardiovascular Sonography has become the most widely used imaging modality in modern medicine and it will continue to expand. The Program offers an in-depth explanation of how Non-Invasive Cardiovascular Sonography works.
Program Duration: 18 months
Quarter Credit: 62
Program Objectives:
The following are the program objectives:

1. Learn how to operate the machine,
2. Learn how to enter patient information,
3. Learn how to adjust depth measurement,
4. Learn how to adjust frequency,
5. Learn how to demonstrate indicator orientation,
6. Learn how to save images,
7. Learn how to establish objective criteria,
8. Learn how to position the patient for the specific test,
9. Learn the basic introduction to accreditation bodies, and
10. Learn the standards for ultrasound QC (quality control).

Program curriculum

Course Code	Course Name	Quarter credits
ECO 111	Basic Medical Terminology	2
ECO 112	Human Anatomy and Physiology	2
ECO 113	Fundamentals of Echocardiography I	4
ECO 114	Sonographic Imaging I	4
ECO 121	Cardiographic Tech	2
ECO 122	Cardiographic Tech Lab	2
ECO 123	Fundamentals of Echocardiography II	4
ECO 124	Sonographic Imaging II	4
ECO 131	Ultrasound Physics	2

ECO 132	Fundamentals of Echocardiography III	2
ECO 133	Sonographic Imaging III	2
ECO 134	Externship I	6
ECO 211	Patient Care in Imaging	1
ECO 212	Fundamentals of Echocardiography IV	1
ECO 213	Sonographic Imaging IV	1
ECO 214	Externship II	9
ECO 221	Registry Review	1
ECO 222	Sonographic Imaging IV	1
ECO 223	Fundamentals of Echocardiography V	1
ECO 224	Externship III	
	TOTAL	**62**

Program Format:
The College will offer this program in on-ground format as well as in hybrid format in which students can take up to 45% of the courses using online delivery method.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college.
To become eligible to challenge national certification exam to become Registered Cardiac Sonographer (RCS) through Cardiovascular Credentialing International (CCI), students have to complete the following requirements:

- Complete Stellar Career College's Echocardiography / Noninvasive Cardiovascular Sonographer.
- Must demonstrate competency in formal classroom education (didactic coursework), and program's clinical requirements.
- CCI enforces high standards of ethics and professional conduct. Students must comply with everything in the CCI Standards of Ethics, including the Rules of Ethics. You must notify CCI of any ethics violations within 30 calendar days of their occurrence, Applicants who don't follow these rules might become ineligible. Several types of misconduct, charges, and convictions may violate CCI's Rules of Ethics. For further details on this matter, please refer to CCI's handbook that is available at https://cci-online.org.

CIP Code: 51-0909

Program Description:

The Surgical Technologist Training Program is designed to prepare students to function as members of the surgical team in hospitals and clinics with registered nurses and surgeons in the operating room. The program curriculum consists of medical terminology; human anatomy and physiology; fundamentals of pharmacology; microbiology and immunology. Students are taught ethics as well as good communication skills to enhance teamwork in operating rooms. Students are familiarized with basic knowledge of surgical instruments, aseptic techniques, draping techniques and surgical site management. Following are the tasks a surgical technologist must perform with every surgery:

Preoperative (Sterile Hands): The surgical technologist is the first person to enter the OR before surgery. During this preoperative phase the surgical technologist adheres closely to the following routine:

1. Carefully wears his/her operating room attire, including scrubs
2. Begins to prepare and sterilize the operating room and maintain OR's sterile environment
3. Gathers all of the equipment and surgical tools that the surgery requires
4. Sterilizes, counts and carefully arranges surgical tools

Intraoperative (The Third Hand): During the intraoperative phase of the surgery, surgical technologists are still responsible for maintaining the sterility of the OR, but they also effectively become a "third hand" to the surgeon and surgeon's assistant during the procedure and perform the following tasks:

1. Help prepare medications & administer them to the patient
2. Assist in retracting tissues from the patient
3. Passes the surgical tools to the surgeon and surgical assistant during the operation

Postoperative (Tying Things Up): As the operation concludes, surgical techs are responsible for the following:

1. Counting all of the tools and instruments used during surgery to ensure that nothing is left behind in a patient
2. Suture the incision and apply disinfected dressings to the area
3. Dispose of items such as needles and gauze. Also continue to maintain the OR's sterile environment until the patient is sent to the recovery ward

Program Duration: 14 months
Quarter Credits: 62
Program Objectives:

The following are the program objectives:

1. Grasp concepts of human anatomy, physiology, pathophysiology, pharmacology & infectious process,
2. Understand the principles of safe patient care in the preoperative, intraoperative, and postoperative settings,

3. Recognize the interdependent role of the Surgical Technologist with the other team members and ancillary services providers,
4. Develop and apply fundamental surgical assisting skills through practice and evaluation in the clinical setting,
5. Accurately apply the principles of asepsis across the spectrum of common surgical experiences,
6. Employ the Standard Precautions and other recognized safe practice guidelines in every surgical setting,
7. Recognize the variety of patients' needs and the impact of his or her personal, physical, emotional and cultural experiences on the rendering of patient care, and
8. Demonstrate professional responsibility in performance, attitude and personal conduct.
9. After successfully completing the program, students will be awarded a diploma from our College approved by the State. Also students will be eligible to become a "Tech in Surgery Certified" through NCCT.

Program curriculum.

Course Code	Course Name	Quarter Credits
SUR 111	Basic Medical Terminology	3
SUR 112	Human Anatomy and Physiology I	4
SUR 113	Surgical Technology I	4
SUR 114	Surgical Instrumentation I	4
SUR 121	Human Anatomy and Physiology II	3
SUR 122	Fundamentals of Pharmacology and Microbiology	4
SUR 123	Surgical Technology II	4
SUR 124	Surgical Instrumentation II	4
SUR 131	Surgical Technology III	7.5
SUR 132	Surgical Instrumentation III	7.5
SUR 211	Surgical Technology IV	3
SUR 212	Surgical Instrumentation IV	3
SUR 213	Certificate Review	3
SUR 214	Externship I	8
	TOTAL	**62**

Program Format:
The College will offer this program in on-ground format as well as in hybrid format in which students can take up to 45% of the courses using online delivery method.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial

obligation towards the college. Graduates will be eligible to challenge national certification exam to become certified by passing the credentialing examination. This examination is Tech in Surgery – Certified (NCCT).

MEDICAL ASSISTING WITH PHLEBOTOMY TECHNICIAN

CIP Code: 51-0801

Program Description:
The "Medical Assisting with Phlebotomy Technician Program" is designed to prepare students to assist medical providers by performing basic clinical and administrative duties in hospitals, clinics and medical centers. They are part of a medical team working with registered nurses and physicians. The program curriculum consists of medical terminology, anatomy and physiology, fundamentals of pharmacology, microbiology and immunology. Students are taught with law and ethics as well as good communication skills. Students are familiarized with basic knowledge of medical equipment and devices as well as patient care management. The course also covers medical records, insurance, patient preparation and basic laboratory procedures. Students are also trained with knowledge & skills in the field of Phlebotomy. The program also offers clinical externship which is required for the certification.
After successfully completing the program, students will be awarded a diploma from our College approved by the State. Also students will be eligible to take National Certification Exams for Certified Medical Assistant and Certified Phlebotomy Technician.
Program Duration: 10 months;
Quarter Credit Hours: 35
Program Objectives:
The following are the program objectives:

1. The objectives of our program are to prepare students to assist physicians by meeting the clinical and administrative demands of a hospital, office or medical center. The training in clinical and administrative activities includes but not limited to:
    a. Assisting with physical examinations
    b. Assisting with surgical procedures
    c. Taking patient histories and vital signs
    d. Phlebotomy training, blood draw and injections
    e. Laboratory procedures
    f. EKG (Electrocardiography) placement techniques and recording
2. Scheduling appointments
3. Completing insurance forms
4. Record management
5. Office management
6. Basic billing and coding tasks
7. Basic word processing and spreadsheets tasks (basic computer knowledge)
8. Performing such tasks within legal and ethical boundaries

Program Curriculum:

Course Name	Quarter Credit Hours
MA101 Medical Terminology	4.0
MA102 Anatomy and Physiology	4.0
MA103 Medical Assisting I	4.0

MA104 Medical Assisting I Lab	3.5
PHL101 Phlebotomy	4.0
PHL102 Phlebotomy Lab	4.0
MA105 Medical Assisting II	4.0
MA106 Medical Assisting II Lab	3.5
MA107 Medical Assisting Practicum I	2.0
MA108 Medical Assisting Practicum II	2.0
Total	**35**

Program Format:
The College will offer this program in on-ground format as well as in hybrid format in which students can take up to 45% of the courses using online delivery method.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college. Graduates will be eligible to take National Certification Exams for Certified Medical Assistant and Certified Phlebotomy Technician through NCCT.

CYBERSECURITY PROFESSIONAL

CIP Code: 11.1003

Program Description:
The Cybersecurity Professional is designed to provide students with the foundational knowledge and practical skills necessary to pursue successful careers in the rapidly growing field of cybersecurity. This comprehensive program aligns with industry-recognized certifications, ensuring that graduates are well-prepared to meet the demands of employers and secure vital certifications in the cybersecurity industry.
Program Duration: 12 Months
Quarter Credit Hours: 48
Program Objectives:

1. Equip students with a deep understanding of cyber security principles and practices.
2. Prepare students for industry-recognized certifications, including CompTIA, and EC-Council.
3. Develop critical thinking and problem-solving skills essential for identifying and mitigating cybersecurity threats.
4. Foster an understanding of ethical considerations and legal frameworks in cybersecurity.
5. Provide hands-on experience with real-world cybersecurity tools and techniques.

Program Curriculum

Course Name	arter Credit Hours
CS 111 Introduction to IT Fundamentals	4.00
CS 112 CompTIA A+ Part I: Hardware and Networking Fundamentals	4.00
CS 113 CompTIA A+ Part II: Operating Systems and Software Troubleshooting	4.00
CS 121 Advanced Operating Systems	4.00
CS 122 Introduction to Networking CompTIA Network +	4.00
CS123 Fundamentals of Networking CompTIA Network+	4.00
CS211 Advanced Networking	4.00
CS 212 CompTIA Security+ Essentials: Cyber Threats and Vulnerabilities	4.00
CS 213 Cybersecurity Design and Identity Management Essentials	4.00
CS 221 Advanced Cybersecurity: Cryptography and Risk Management	4.00
CS 222 Cybersecurity Management and Strategy	4.00
CS 223 Capstone Project	4.00
Total	**48**

Program Format:

Hybrid: Each program is delivered in a hybrid format and complies with the full course of study requirements outlined in 8 CFR 214.2(f)(6)(i)(G). Specifically, the institution

ensures that only one online or distance education class (not exceeding 3 credit hours) per academic term or quarter is counted toward full-time enrollment. All other courses require mandatory physical attendance at the designated instructional site.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per the college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college.

VASCULAR SONOGRAPHY TECHNOLOGIST (VST)

CIP Code: 51-0910

Program Description:
Vascular Sonography Technologist (VST) program at Stellar Career College prepares graduates to become vascular sonographers. Vascular technologists assist medical doctors in the diagnosis and treatment of several vascular disorders in the human body. Vascular technologists perform non-invasive vascular exams to properly assess vascular disease or illness. VST professionals compile information that is gathered on an exam to give a preliminary impression. These professionals are trained in vascular scanning techniques and vascular disorders. The Vascular Sonography Technologist program also prepares the student to learn patient care and safety.

The program also offers a clinical internship for Vascular Sonography Technologist (VST) that is required for the certification. After successfully completing the program, students will be awarded a Certificate of Completion from our College approved by the State. Graduates will be eligible to take the Vascular Sonography Examination of American Registry of Radiologic Technologists (ARRT).
Program Duration: 14 Months
Quarter Credit Hours: 54
Program Objectives:
Vascular Sonography Technologists perform the following:

1. Help monitor the blood flow to organs and tissues throughout the body,
2. Locate and identify blockages (stenosis) and abnormalities like plaque or emboli and help plan for their effective treatment,
3. Detect blood clots (deep venous thrombosis (DVT) in the major veins of the legs or arms,
4. Determine whether a patient is a good candidate for a procedure such as angioplasty,
5. Evaluate the success of procedures that graft or bypass blood vessels,
6. Determine if there is an enlarged artery (aneurysm), and
7. Evaluate varicose veins.

Program Curriculum

Course Name	Quarter Credit Hours
BIO101 Basic Medical Terminology	3.00
BIO 102 Human Anatomy and Physiology I	3.00
BIO 104 Healthcare Laws and Ethics	3.00
BIO 105 Patient Care in Imaging	3.00
BIO 106 Human Anatomy and Physiology II	3.00
BIO 107 Imaging Pathology	3.00
VAS 111 Vascular Sonography I	3.00
VAS 112 Vascular Sonography Lab I	4.00
VAS 113 Vascular Sonography II	3.00

VAS 114 Vascular Sonography Lab II	4.00
VAS 115 Vascular Sonography III	3.00
VAS 116 Vascular Sonography Lab III	4.00
VAS 120 Registry Review	2.00
VAS 121 Externship	13.00
Total	**54**

Program Format:
Hybrid: Each program is delivered in a hybrid format and complies with the full course of study requirements outlined in 8 CFR 214.2(f)(6)(i)(G). Specifically, the institution ensures that only one online or distance education class (not exceeding 3 credit hours) per academic term or quarter is counted toward full-time enrollment. All other courses require mandatory physical attendance at the designated instructional site.

Program Completion:
A diploma will be awarded to those students who will successfully complete all required courses as per college's Satisfactory Academic Requirements and fulfill their financial obligation towards the college.

ENGLISH AS A SECOND LANGUAGE (ESL) COURSE

CIP Code: 16.1701

Course Description

Consistent with Stellar Career College's mission statement and philosophy, the English as a Second Language (ESL) course aims to train non-native English speakers to acquire knowledge, skills, attitudes and values (KSAV) as a remedial course. The English as a Second Language (ESL) course at Stellar Career College provides intensive English instruction for students and individuals pursuing professional training in the United States. This training program is not limited to non-native English speakers but for all individuals who aim to develop English proficiency that will augment quality professional skill development in a workforce environment.

This ESL Course is articulated with and supports SCC's career-oriented vocational programs. The following course objectives are related to occupational training, preparation, and concepts. It will provide students with adequate linguistic proficiency for obtaining employment in the healthcare field.

Program Duration: 24 Months

Quarter Credit Hours: 90

Course Objectives

At the end of the program, the learners will be able to:

1. Acquire skills as introduced in real workplace setting,
2. Enhance critical thinking skills, i.e., activities such as ranking, making predictions, analyzing, or solving problems, to workplace situations,
3. Understand English as a Second Language (ESL) through active learning within life-skill settings that lead students to career and workplace pathways,
4. Utilize the English abilities to successfully perform and/or obtain promotion in the workplace,
5. Acquire the necessary skills to improve reading comprehension, oral communication and writing in the workplace,
6. Write a concise and accurate cover letters for immediate use,
7. Create and edit resumes ready for submission,
8. Prepare students for an actual job interview,
9. Acquire the skills for presentations, meetings and communication (both in oral and written) within a workplace environment

Curriculum

Levels	Quarter Credit Hours
ESL 101 Beginner	12
ESL 102 High Beginner	12
ESL 103 Intermediate	12
ESL 104 High Intermediate	12
ESL 201 Advanced	12
ESL 202 High Advanced	12
ESL 203 Business English	12
ESL 204 Academic English	12
Total	**90**

Format: On campus

COURSE DESCRIPTIONS

ALLIED HEALTH COURSES

PN 111 Fundamentals of Nursing
This course introduces the health care delivery system and the role of the practical nurse to the students. The nursing process and the Clinical Judgment Measurement Model (CJMM), as well as the Wellness-Illness Continuum, provide a foundation for students to provide basic nursing care to patients. Communication techniques, including documentation, are explored. Legal and ethical considerations, the fundamentals of patient education, and strategies to work as a member of the health care team are examined. In the lab, students develop skills fundamental to the practice of nursing. During their clinical experience, students are expected to apply content from class and lab experiences to care for patients in various healthcare settings. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: Admission to nursing program.

PN 112 Pharmacology for Nurses
This course is an introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of each drug classification. Topics include the roles and responsibilities of the practical nurse in the safe administration of medications within a legal/ethical framework. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: Admission to nursing program.

PN 101 Anatomy and Physiology

This course provides foundational knowledge of the structure and function of the human body systems essential to the practice of practical nursing. Topics include cellular organization, tissue types, and the integumentary, musculoskeletal, nervous, endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive systems. Emphasis is placed on homeostasis and the interrelationships among body systems as they relate to health and disease. Students will develop a basic understanding of normal physiological processes and common pathological conditions to support safe and effective nursing care.
Prerequisite: Admission to the nursing program.

PN 102 Basic Medical Terminology

This course introduces students to the language of healthcare, focusing on the structure, spelling, pronunciation, and meaning of medical terms. Students will learn commonly used prefixes, suffixes, root words, and abbreviations related to body systems, diagnostic procedures, and treatments. Emphasis is placed on accurate communication in clinical documentation and professional interactions. Mastery of medical terminology supports safe patient care and effective collaboration within the healthcare team.
Prerequisite: Admission to the nursing program.

PN 113 Mental Health Nursing
This course focuses on mental health and substance use disorders that may impact children, adolescents, adults, and older adults. Students will explore the mental alterations of patients to

assist in the development, implementation, and evaluation of safe, effective patient/family-centered care for these patients in acute and long-term mental healthcare settings. The nursing process and the Clinical Judgment Measurement Model (CJMM), as well as the Wellness-Illness Continuum, provide a foundation for students to provide basic nursing care to patients. Clinical experiences may be provided in long-term care and psychiatric addiction in- and out-patient units. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: Admission to the nursing program. Prerequisite: PN 111, PN 112.

PN 114 Maternal and Child Health Nursing
This course introduces students to the basics of maternity nursing care, ranging from pre-conception through to birth. Students develop the ability to implement care within the scope of a practical nurse as it relates to prenatal care and education, fetal development, care of the pregnant woman and newborn (both uncomplicated and complicated pregnancies), care of the woman during labor and delivery, and post-partum care. Students may have clinical experiences in pre-natal clinics, Labor and Delivery, and postpartum units, as well as through simulation experiences. The course will also include the care of children past the neonatal period through adolescence. Growth and development through infancy, pre-school, school age, and adolescence will be considered, as well as the impact of health and illness during this period, and health promotion and illness care provided by the practical nurse in hospitals, and other community health services. Pediatric clinical experiences may be in hospitals, clinics, schools, daycares, and other outpatient settings, as well as simulation. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: Grade “C” or better in PN 113.

PN 115 Gerontological Nursing
This course is designed to provide nursing students with the knowledge and skills necessary to care for the aging population. This course focuses on the physiological, psychological, and social aspects of aging, and emphasizes the promotion of health, wellness, and quality of life for older adults. The nursing process and the Clinical Judgment Measurement Model (CJMM), as well as the Wellness-Illness Continuum, provide a foundation for students to provide basic nursing care to patients. Students will learn to assess, plan, implement, and evaluate nursing care for elderly patients, addressing the unique challenges and needs of this population. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: Grade of “C” or better in PN 111 and PN 112.

PN 116 Adult Health I
This course is designed to focus on the principles and practices of nursing care for adult patients with common medical and surgical disorders of the Respiratory, Cardiovascular, Peripheral Vascular, Blood and Lymphatic, Endocrine Systems, Fluid and Electrolytes, and Cancer. This course builds on the foundational knowledge and skills acquired in PN 111. The nursing process and the Clinical Judgment Measurement Model (CJMM), as well as the Wellness-Illness Continuum, are used to facilitate students as they learn to assess, plan, implement, and evaluate nursing care for adult patients while integrating evidence-based practice and critical thinking. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: Grade of “C” or better in PN 115.

PN 117 Nutrition and Diet Therapy
This course is designed to provide nursing students with a comprehensive understanding of the principles of nutrition and their application in health and disease. This course covers the essential nutrients, dietary needs across the lifespan, and the role of nutrition in disease prevention and management. Students will learn to assess nutritional status, develop dietary plans, and provide education and counseling to patients regarding nutrition and diet therapy. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: PN 115.

PN 119 Adult Health II
This course is a continuation of Adult Health PN116. It is designed to focus on the principles and practices of nursing care for adult patients with common medical and surgical disorders focusing on Integumentary, Musculoskeletal, and Immune Disorders and Patients with HIV, Neurologic and Sensory Disorders, Gastrointestinal and Gallbladder, Liver, Biliary tract or Exocrine Pancreatic Disorders, Urinary, and Reproductive Disorders. The nursing process and the Clinical Judgment Measurement Model (CJMM), as well as the Wellness-Illness Continuum is used to facilitate students as they learn to assess, plan, implement, and evaluate nursing care for adult patients while integrating evidence-based practice and critical thinking. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: Grade of "C" or better in PN 118.

PN 120 Nursing Leadership and Management
This course is designed to introduce nursing students to the essential concepts of leadership and management for the Practical Nurse within various healthcare settings. This course covers the principles of effective leadership, management theories, communication skills, team dynamics, and the ethical and legal responsibilities of the Practical Nurse in leadership positions. Students will learn to apply leadership and management skills in various healthcare environments to improve patient care and outcomes. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: Grade of "C" or better in PN 117 and PN 118.

PN 121 and PN 122 NCLEX-PN Prep Course I & 2
PN 121 NCLEX-PN Prep Course is to prepare nursing students for success on the National Council Licensure Examination for Practical Nurses (NCLEX-PN). This course provides an in-depth review of fundamental nursing concepts and principles, focusing on critical content areas relevant to the NCLEX-PN. Emphasis is placed on foundational knowledge, test-taking strategies, and understanding question formats. Through structured study sessions, targeted practice questions, and instructor feedback, students will develop essential skills to enhance their confidence and readiness for the licensure exam. The course content is directed by the scope of practice defined in the Illinois Nursing and Advanced Practice Nursing Act of 2017 for the Practical Nurse. Prerequisite: PN 118

MRI 111 Basic Medical Terminology
This course introduces students to the language of medicine and the terminology used in healthcare professions. Emphasis is placed on understanding the structure of medical words, including prefixes, suffixes, root words, and combining forms. Students will learn how medical

terms are constructed and applied to describe the anatomy, physiology, diseases, diagnostic procedures, and treatments associated with major body systems. The course covers terminology related to the digestive, urinary, reproductive, cardiovascular, nervous, endocrine, respiratory, musculoskeletal, blood, and sensory systems. Additional topics include terminology used in radiology, nuclear medicine, and psychiatry. Through lectures, discussions, and learning management system (LMS) assignments, students will develop the skills necessary to interpret and use medical terms accurately in clinical and academic settings.

Successful completion of this course will prepare students for advanced coursework in allied health fields such as diagnostic medical sonography, vascular sonography, MRI, radiology, nursing, and other healthcare professions.

MRI 112 Human Anatomy and Physiology
This course consists of comprehensive and relevant coverage of Anatomy and Physiology of Human Body Systems. Students learn about Human body structures and location, body cavities, terms of reference, human organization. Students learn different type of tissues their functions and location in the body. Course work includes the Anatomy and physiology of the human body systems and discuss Integumentary system, Skeletal and Muscular System, Cardiovascular, Digestive, Respiratory, Urinary, Endocrine, Nervous, Blood and Lymphatic and the Reproductive System.

MRI 113 Healthcare Laws and Ethics
This Course will review certain aspects of the following topics the U.S Legal System, Basis and Principles of Ethics, Bioethical Issues in Healthcare, Healthcare Standards and Compliance, Torts in Healthcare, Medical Malpractice and Liability, Healthcare Business and Operations, Workplace Issues and Employment Laws, Medical Records and HIPAA, Mandatory Reporting and Public Duties in Healthcare, Conflict Management, Birth and Life, Death and Dying and Key Trends in Healthcare Law and Ethics based on selective chapters mentioned in the syllabus.

MRI 114 Patient Care in Imaging
This Course will go over topics including but not limited to Professional Attitudes and communications, Safety, patient transfer, Infection control concepts, preventing disease transmission, surgical Asepsis, patient assessment, Medication information, Emergency response.

MRI 121 Physics & Imaging Techniques I
This course introduces the fundamental principles of Magnetic Resonance Imaging (MRI), including the history of MRI, basic physics concepts, and mechanisms of image contrast. Students will learn about nuclear magnetism, resonance, relaxation processes, and image weighting. Emphasis is placed on understanding how MRI parameters influence image formation and clinical diagnostic imaging applications.

MRI 122 Physics & Imaging Techniques II
This course examines the principles of image weighting and contrast in Magnetic Resonance Imaging (MRI) and the operation of spin echo pulse sequences. Students will learn how relaxation processes, proton density, repetition time (TR), and echo time (TE) influence image contrast. The course also covers the structure and function of spin echo sequences, including the roles of 90° excitation pulses and 180° refocusing pulses in generating MRI signals. Emphasis is

placed on understanding how parameter selection affects image quality, contrast, and clinical diagnostic applications in MRI.

MRI 123 MRI Cross Sectional Anatomy I
This course provides an in-depth study of cross-sectional anatomy as visualized in Magnetic Resonance Imaging (MRI). Students will learn to identify normal anatomical structures and spatial relationships of the human body using axial, sagittal, and coronal imaging planes. The course begins with an introduction to MRI, imaging planes, and a brief overview of X-ray imaging principles to provide a foundation for understanding medical imaging modalities. Emphasis is placed on the recognition and interpretation of anatomical structures of the upper extremity, neck, and thorax as demonstrated on cross-sectional MRI images. Students will develop the skills necessary to correlate anatomical landmarks with MRI images and understand their clinical relevance in diagnostic imaging.

Through lectures, image reviews, and assessments, students will build the anatomical knowledge required for MRI practice and preparation for certification examinations through the American Registry of Radiologic Technologists (ARRT).

MRI 131 Physics & Imaging Techniques III
This course provides an in-depth study of spin echo and gradient echo pulse sequences used in Magnetic Resonance Imaging (MRI). Students will learn the principles of signal generation, image contrast, and sequence timing associated with these commonly used MRI techniques. The course examines the role of radiofrequency pulses, magnetic field gradients, repetition time (TR), and echo time (TE) in producing diagnostic images. Emphasis is placed on understanding how spin echo and gradient echo sequences influence image quality, contrast, acquisition speed, and clinical applications in MRI examinations.

MRI 132 Physics & Imaging Techniques IV
This course explores the principles of spatial encoding and K-space in Magnetic Resonance Imaging (MRI). Students will learn how magnetic field gradients are used to localize MR signals and create images. The course covers the concepts of frequency encoding, phase encoding, and slice selection, as well as the structure and function of K-space in MRI data acquisition. Emphasis is placed on understanding how data is collected, organized, and transformed into diagnostic images through mathematical reconstruction techniques.

MRI 133 MRI Cross Sectional Anatomy II
This course provides an advanced study of the cross-sectional anatomy of the head and brain as visualized in MRI. Students will learn to identify and interpret normal anatomical structures of the cranium, facial bones, and brain using axial, sagittal, and coronal imaging planes. The course emphasizes the correlation between anatomical knowledge and MRI imaging for clinical application in diagnostic radiology. Through detailed image analysis, lectures, and assessments, students will develop the skills necessary to recognize key neuroanatomical structures, understand their spatial relationships, and apply this knowledge in MRI practice. This course supports preparation for certification examinations through the American Registry of Radiologic Technologists (ARRT).

MRI 134 Externship I

Clinical education is an essential component of MRI training. Through supervised clinical practice, students integrate MRI physics knowledge with real-world patient imaging procedures. Clinical training allows students to develop:

- MRI safety awareness
- Patient care and communication skills
- MRI equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The MRI externship is designed as a progressive competency-based experience that prepares students for entry-level MRI technologist practice.

MRI 211 Physics & Imaging Techniques V
This course focuses on MRI protocol optimization and the identification and management of imaging artifacts in Magnetic Resonance Imaging. Students will learn how imaging parameters influence image quality, scan time, and diagnostic accuracy. The course also examines common MRI artifacts, their causes, and techniques used to minimize or eliminate them. Emphasis is placed on selecting and adjusting imaging parameters to optimize MRI protocols for different anatomical regions while maintaining high image quality and patient safety.

MRI 212 MRI Cross Sectional Anatomy III
This course provides an in-depth study of cross-sectional anatomy of the spine and abdomen as visualized in MRI. Students will learn to identify and interpret normal anatomical structures of the cervical, thoracic, and lumbar spine, as well as abdominal organs, using axial, sagittal, and coronal imaging planes. Emphasis is placed on recognizing vertebral structures, intervertebral discs, spinal cord, major abdominal organs, and their spatial relationships on MRI scans. Students will develop the ability to correlate anatomical knowledge with MRI imaging for clinical application in diagnostic radiology. This course also reinforces skills in image orientation and plane recognition, preparing students for certification through the American Registry of Radiologic Technologists (ARRT).

MRI 213 Externship II
Clinical education is an essential component of MRI training. Through supervised clinical practice, students integrate MRI physics knowledge with real-world patient imaging procedures. Clinical training allows students to develop:

- MRI safety awareness
- Patient care and communication skills
- MRI equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The MRI externship is designed as a progressive competency-based experience that prepares students for entry-level MRI technologist practice.

MRI 221 Physics & Imaging Techniques VI
This course provides an overview of MRI instrumentation and safety principles essential for the safe and effective operation of Magnetic Resonance Imaging systems. Students will study the major components of an MRI scanner, including the main magnet, gradient system, radiofrequency (RF) system, and computer system used in image acquisition and processing.

The course also emphasizes MRI safety practices, including patient screening, magnetic field hazards, radiofrequency exposure, and the prevention of accidents in the MRI environment. Students will learn to recognize potential safety risks and apply established safety guidelines to ensure patient, staff, and equipment protection during MRI procedures.

MRI 222 MRI Cross Sectional Anatomy IV
This course focuses on the cross-sectional anatomy of the lower extremities, pelvis, and brachial plexus as visualized on MRI. Students will learn to identify bones, joints, muscles, ligaments, and neurovascular structures in axial, sagittal, and coronal imaging planes. Special emphasis is placed on interpreting MRI studies of the hip, knee, ankle, and associated arthrograms, as well as the brachial plexus, including MR angiography (MRA) and MR venography (MRV) techniques. Students will develop skills in correlating anatomical knowledge with MRI images to improve diagnostic accuracy and clinical application. This course prepares students for ARRT certification in MRI by strengthening image recognition and anatomical orientation competencies.

MRI 223 Externship III
Clinical education is an essential component of MRI training. Through supervised clinical practice, students integrate MRI physics knowledge with real-world patient imaging procedures. Clinical training allows students to develop:

- MRI safety awareness
- Patient care and communication skills
- MRI equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The MRI externship is designed as a progressive competency-based experience that prepares students for entry-level MRI technologist practice.

MRI 231 Registry Review
This course is designed to prepare the student to challenge The American Registry of Radiologic Technologists professional examinations particularly the Radiography credential. During the course, the student will take mock registry exams in Radiography credential and review pertinent material. Career development activities will include interviewing techniques, resume and cover letter preparation, and the application process.

MRI 232 Externship IV
Clinical education is an essential component of MRI training. Through supervised clinical practice, students integrate MRI physics knowledge with real-world patient imaging procedures. Clinical training allows students to develop:

- MRI safety awareness
- Patient care and communication skills
- MRI equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The MRI externship is designed as a progressive competency-based experience that prepares students for entry-level MRI technologist practice.

RAD 111 Medical Terminology
This course introduces students to the language of medicine and the terminology used in healthcare professions. Emphasis is placed on understanding the structure of medical words, including prefixes, suffixes, root words, and combining forms. Students will learn how medical terms are constructed and applied to describe the anatomy, physiology, diseases, diagnostic procedures, and treatments associated with major body systems. The course covers terminology related to the digestive, urinary, reproductive, cardiovascular, nervous, endocrine, respiratory, musculoskeletal, blood, and sensory systems. Additional topics include terminology used in radiology, nuclear medicine, and psychiatry. Through lectures, discussions, and learning management system (LMS) assignments, students will develop the skills necessary to interpret and use medical terms accurately in clinical and academic settings.

Successful completion of this course will prepare students for advanced coursework in allied health fields such as diagnostic medical sonography, vascular sonography, MRI, radiology, nursing, and other healthcare professions.

RAD 112 Human Anatomy and Physiology
This course provides a comprehensive look at the human body's structure and functions. Topics include how the body maintains homeostasis, the relationship of chemistry to anatomy and physiology, and cell function and division. The skin, skeletal system, muscles, and nervous system are examined. Sensory organs and the endocrine system are also presented. Several diseases and disorders are discussed, as well as the cause, detection, and treatment of them. Students are also expected to study the structure and function of the human body. This course will cover the Cardiovascular System, Lymphatic System, Immune System, Respiratory System, Digestive System, Urinary and Reproductive System.

RAD 113 Healthcare Laws and Ethics
This Course will review certain aspects of the following topics the U.S Legal System, Basis and Principles of Ethics, Bioethical Issues in Healthcare, Healthcare Standards and Compliance, Torts in Healthcare, Medical Malpractice and Liability, Healthcare Business and Operations, Workplace Issues and Employment Laws, Medical Records and HIPAA, Mandatory Reporting and Public Duties in Healthcare, Conflict Management, Birth and Life, Death and Dying and Key Trends in Healthcare Law and Ethics based on selective chapters mentioned in the syllabus.

RAD114 Patient Care in Imaging
This Course will go over topics including but not limited to Professional Attitudes and communications, Safety, patient transfer, Infection control concepts, preventing disease transmission, surgical asepsis, patient assessment, Medication information, and Emergency response.

RAD 121 Radiologic Procedures I
This course introduces the fundamental principles and techniques of diagnostic radiographic positioning using *Merrill's Atlas of Radiographic Positioning and Procedures*, 16th Edition as the primary reference. Students will learn the essential preliminary steps in radiography, including patient preparation, radiation protection, and equipment usage. The course also focuses on general anatomy, radiographic positioning terminology, and body planes used in medical imaging.

Emphasis is placed on developing competency in positioning techniques for thoracic and abdominal radiography. Students will study the anatomy and imaging procedures of the chest, upper airway, and abdominal region, while learning to properly position patients and evaluate radiographic images for diagnostic quality. Laboratory sessions provide hands-on practice in patient positioning and image evaluation. By the end of the course, students will be able to perform basic radiographic procedures safely, accurately, and according to professional standards.

RAD 122 Radiologic Procedures II

Radiographic Positioning II builds on the foundational principles of patient positioning and radiographic procedures introduced in the first course. Using *Merrill's Atlas of Radiographic Positioning and Procedures*, 16th Edition, this course focuses on imaging procedures of the upper and lower extremities, shoulder girdle, pelvis, and hip. Students will study the anatomical structures of these regions and learn the correct radiographic positioning techniques required to produce diagnostic images.

Emphasis is placed on patient care, radiation protection, and proper alignment of anatomical structures during imaging procedures. Laboratory sessions provide hands-on practice in positioning techniques and image evaluation. Students will develop the skills necessary to perform extremity radiographic examinations while maintaining professional standards of safety and patient communication.

RAD 123 Radiation Physics and Radiobiology I

This course provides an in-depth introduction to the fundamental principles of radiation physics and radiobiology as they apply to diagnostic imaging. Students will explore the structure of the atom, the nature of electromagnetic and particulate radiation, and the principles underlying X-ray production and imaging systems. The course emphasizes the technical, physical, and biological aspects of radiation, integrating theoretical knowledge with clinical applications. Through the study of the X-ray circuit and the X-ray tube, students will gain an understanding of how X-rays are generated, controlled, and utilized in medical imaging. Foundational concepts in radiobiology, including the interaction of radiation with matter and the effects of radiation on living tissues, are also introduced. The course prepares students to apply physics and radiobiology principles to ensure the safe and effective use of radiation in diagnostic imaging. Assessments include quizzes, midterm exams, and a final exam covering chapters 1–5.

RAD 124 Radiation Protection I

This course provides a comprehensive introduction to the principles of radiation protection and radiation biology in medical imaging. Students will study the nature and sources of radiation, radiation interactions with matter, and the measurement and monitoring of radiation exposure. The course also explores the biological effects of radiation at the molecular, cellular, and tissue levels. Emphasis is placed on understanding radiation quantities and units, radiation monitoring methods, and the application of radiation protection principles to safeguard patients, healthcare workers, and the public. Students will also examine how ionizing radiation affects living cells and organ systems, including early tissue reactions and long-term biological effects. By the end of the course, students will be able to apply radiation safety principles in clinical imaging environments and understand the biological impact of radiation exposure.

RAD 131 Radiologic Procedures III
This course focuses on radiographic positioning and imaging procedures of the axial skeleton and trauma radiography. Using *Merrill's Atlas of Radiographic Positioning and Procedures*, 16th Edition, students will study the anatomy, positioning techniques, and radiographic procedures of the vertebral column, thoracic bony structures, and the cranium.

The course also introduces the principles of trauma radiography, emphasizing the modification of positioning techniques to accommodate injured or critically ill patients. Students will learn how to obtain diagnostic images while maintaining patient safety, immobilization, and radiation protection. Laboratory sessions provide hands-on experience in positioning techniques and image evaluation for axial skeleton imaging and trauma cases.

RAD 132 Radiation Physics and Radiobiology II
This course provides an advanced study of radiation physics and radiobiology, building upon foundational principles in diagnostic imaging. Using *Essentials of Radiographic Physics and Imaging*, 4th Edition, students will explore the physics of X-ray production, image formation, and the interactions of radiation with matter. The course emphasizes the biological effects of ionizing radiation, including both deterministic and stochastic effects, and the mechanisms of radiation damage at the molecular, cellular, and tissue levels. Students will gain a comprehensive understanding of radiation quantities, units, and measurement techniques, as well as principles of radiation protection for patients, personnel, and the public. By integrating radiobiology concepts with physics and imaging science, students will develop the knowledge required to optimize imaging procedures while minimizing radiation risk. Laboratory and applied exercises reinforce theoretical principles through practical problem-solving in imaging scenarios.

RAD 133 Radiation Physics and Radiobiology III
This course provides an in-depth study of advanced principles in radiation physics, radiobiology, and radiation protection. Using Chapters 10–12 of *Essentials of Radiographic Physics and Imaging*, students will explore stochastic and deterministic effects of ionizing radiation, dose limits for occupational and patient exposure, and safety measures in diagnostic imaging. The course emphasizes the biological interactions of radiation with matter, mechanisms of cellular damage, and tissue responses. Students will also study regulatory standards, equipment design for radiation protection, and methods for minimizing exposure to patients and imaging personnel. Laboratory exercises and applied problem-solving provide practical experience in monitoring, dose management, and safety protocols, preparing students for safe, effective practice in clinical imaging environments.

RAD 134 Externship I
Clinical education is an essential component of Radiology training. Through supervised clinical practice, students integrate **Radiology knowledge with real-world patient imaging procedures**.
Clinical training allows students to develop:

- Radiology safety awareness
- Patient care and communication skills
- Radiology equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The Radiology externship is designed as a **progressive competency-based experience** that prepares students for entry-level Radiology technologist practice.

RAD 135 Radiologic Procedures II
This course provides advanced knowledge of radiation protection principles and safety practices in medical imaging. Students will study the biological effects of ionizing radiation, including stochastic effects and late tissue reactions in various organs. The course also examines regulatory dose limits for radiation exposure and the design of imaging equipment to enhance radiation protection. Emphasis is placed on strategies to minimize radiation exposure for both patients and imaging personnel during diagnostic radiology procedures. Students will explore methods for managing patient radiation dose in X-ray and computed tomography (CT) imaging, as well as special considerations for CT dose optimization. The course also introduces radiation safety issues related to radioisotopes and the protection of healthcare workers who operate diagnostic imaging equipment. By the end of the course, students will be able to apply radiation safety standards, regulatory guidelines, and best practices to ensure safe and effective imaging procedures.

RAD 136 Radiologic Procedures IV
This course introduces students to specialized radiographic imaging procedures with emphasis on mammography, bone densitometry, and advanced trauma radiography. Using *Merrill's Atlas of Radiographic Positioning and Procedures*, 16th Edition, students will study breast imaging techniques, patient positioning, and screening protocols used in mammography for the early detection of breast disease.

The course also explores the principles and clinical applications of bone densitometry used in the evaluation and diagnosis of osteoporosis and other metabolic bone diseases. In addition, students will review advanced trauma imaging procedures and positioning modifications required for critically injured patients. Emphasis is placed on radiation protection, patient care, image evaluation, and professional practice. Laboratory sessions provide hands-on experience with positioning techniques and image analysis.

RAD 211 Radiologic Procedures V
This course introduces students to contrast-enhanced and fluoroscopic radiographic procedures used to evaluate major body systems. Using *Merrill's Atlas of Radiographic Positioning and Procedures*, 16th Edition, students will study the principles, indications, patient preparation, and positioning techniques for diagnostic procedures involving contrast media.

The course focuses on angiography, myelography, and imaging procedures of the digestive, urinary, and reproductive systems. Emphasis is placed on patient care, radiation safety, sterile technique, and assisting physicians during fluoroscopic examinations. Students will learn the appropriate positioning and imaging protocols required to produce diagnostic images while ensuring patient comfort and safety. Laboratory sessions provide opportunities for hands-on practice and review of contrast imaging procedures.

RAD 212 Externship II
Clinical education is an essential component of Radiology training. Through supervised clinical practice, students integrate **Radiology knowledge with real-world patient imaging**

procedures.

Clinical training allows students to develop:

- Radiology safety awareness
- Patient care and communication skills
- Radiology equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The Radiology externship is designed as a **progressive competency-based experience** that prepares students for entry-level Radiology technologist practice.

RAD 213 Radiation Physics and Radiobiology IV

This course advances students' understanding of the physical principles and technologies used in diagnostic imaging beyond foundational radiographic physics. Students will explore the physics of image formation, digital receptor systems, exposure technique, scatter control, and evaluation of radiographic images for diagnostic quality. The course also introduces specialized imaging equipment, including fluoroscopy, additional radiographic devices, and computed tomography. Using *Essentials of Radiographic Physics and Imaging*, students will learn how physical principles influence the quality of radiographic images and how imaging systems are designed to optimize both image quality and radiation safety. The course emphasizes clinical relevance, applied problem solving, and professional standards in radiologic science. Practical lab experiences and assessments reinforce theoretical concepts through hands‑on activities and real‑world imaging scenarios.

RAD 214 Imaging Pathology

This course is designed as an overview of pathologies commonly seen in magnetic resonance imaging. Along with distinguishing various types of pathologies, emphasis will be placed on a general understanding of the description, etiology, signs and symptoms & imaging characteristics. Radiologic technologists must be able to distinguish the images of pathology. This will help in making the decision for the requirement of additional sequences, changes in procedures & the requirement of the contrast.

RAD 215 Externship III

Clinical education is an essential component of Radiology training. Through supervised clinical practice, students integrate **Radiology knowledge with real-world patient imaging procedures**.

Clinical training allows students to develop:

- Radiology safety awareness
- Patient care and communication skills
- Radiology equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The Radiology externship is designed as a **progressive competency-based experience** that prepares students for entry-level Radiology technologist practice.

RAD 221 Radiologic Procedures VI

This course introduces students to advanced radiographic procedures and specialized imaging modalities used in modern diagnostic imaging. Using *Merrill's Atlas of Radiographic Positioning and Procedures*, 16th Edition, students will explore mobile and surgical radiography, pediatric and geriatric imaging considerations, and the fundamentals of sectional anatomy used in cross-sectional imaging.
The course also provides an overview of advanced imaging technologies including computed tomography (CT), magnetic resonance imaging (MRI), vascular imaging, nuclear medicine, and radiation oncology. Emphasis is placed on patient care considerations, safety protocols, and the role of the radiologic technologist in these specialized imaging environments. Laboratory and review sessions provide opportunities for students to apply theoretical knowledge and develop clinical understanding of advanced imaging procedures.

RAD 222 Radiologic Image Production
This course provides a comprehensive study of the principles and practices of diagnostic imaging and exposure techniques used in modern radiography. Based on *Fauber's Radiographic Imaging and Exposure*, 7th Edition, the curriculum emphasizes the physics of X-ray production, image formation, exposure technique factors, and digital imaging systems. Students will learn how to acquire, process, display, and evaluate digital radiographic images while applying problem-solving strategies to reduce repeats and optimize image quality. The course also includes the study of dynamic imaging (fluoroscopy), scatter control, and exposure selection techniques that promote radiation safety and clinical competency, preparing students for successful practice and the ARRT initial certification exam.

RAD 223 Digital Radiography & PACS
This course provides a comprehensive introduction to the principles and applications of digital radiography and picture archiving and communication systems (PACS). Students will explore the characteristics of digital imaging, acquisition technologies such as computed radiography (CR) and digital radiography (DR), and the architecture of PACS including image storage, communication, and informatics. The course emphasizes digital image processing, quality control, networking fundamentals, and system management to ensure high-quality diagnostic images and efficient image workflow. Students will gain practical knowledge of digital imaging technologies and the tools used in modern radiology departments.

RAD 224 Externship IV
Clinical education is an essential component of Radiology training. Through supervised clinical practice, students integrate Radiology knowledge with real-world patient imaging procedures.
Clinical training allows students to develop:

- Radiology safety awareness
- Patient care and communication skills
- Radiology equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The Radiology externship is designed as a progressive competency-based experience that

prepares students for entry-level Radiology technologist practice.

RAD 231 Registry Review
This course is designed to prepare the student to challenge The American Registry of Radiologic Technologists professional examinations particularly the Radiography credential. During the course, the student will take mock registry exams in Radiography credential and review pertinent material. Career development activities will include interviewing techniques, resume and cover letter preparation, and the application process.

RAD 232 Externship V
Clinical education is an essential component of Radiology training. Through supervised clinical practice, students integrate Radiology knowledge with real-world patient imaging procedures. Clinical training allows students to develop:

- Radiology safety awareness
- Patient care and communication skills
- Radiology equipment operation skills
- Image acquisition and optimization techniques
- Professional clinical workflow skills

The Radiology externship is designed as a progressive competency-based experience that prepares students for entry-level Radiology technologist practic.

DMS 111: Medical Terminology
This course introduces students to the language of medicine and the terminology used in healthcare professions. Emphasis is placed on understanding the structure of medical words, including prefixes, suffixes, root words, and combining forms. Students will learn how medical terms are constructed and applied to describe the anatomy, physiology, diseases, diagnostic procedures, and treatments associated with major body systems.

The course covers terminology related to the digestive, urinary, reproductive, cardiovascular, nervous, endocrine, respiratory, musculoskeletal, blood, and sensory systems. Additional topics include terminology used in radiology, nuclear medicine, and psychiatry. Through lectures, discussions, and learning management system (LMS) assignments, students will develop the skills necessary to interpret and use medical terms accurately in clinical and academic settings.

DMS 112 Human Anatomy and Physiology
This course introduces the fundamental concepts of human anatomy and physiology with emphasis on the structure and function of major body systems. Students begin with an overview of the human body, including levels of organization, anatomical terminology, and body systems. The course examines cellular structure, tissue types, and their roles in maintaining normal body function. Students study several major systems including the integumentary, musculoskeletal, nervous, digestive, and urinary systems. Emphasis is placed on understanding how these systems work together to maintain homeostasis. Topics include the central and peripheral nervous systems, sensory receptors, digestion and nutrient absorption, waste elimination through the urinary system, and the structure and function of skin, muscles, and bones. This course provides foundational knowledge necessary for students preparing for careers in healthcare and diagnostic imaging.

DMS 113: Healthcare Laws and Ethics
This Course will review certain aspects of the following topics the U.S Legal System, Basis and Principles of Ethics, Bioethical Issues in Healthcare, Healthcare Standards and Compliance, Torts in Healthcare, Medical Malpractice and Liability, Healthcare Business and Operations, Workplace Issues and Employment Laws, Medical Records and HIPAA, Mandatory Reporting and Public Duties in Healthcare, Conflict Management, Birth and Life, Death and Dying and Key Trends in Healthcare Law and Ethics based on selective chapters mentioned in the syllabus.

DMS 114: Intro to Sonography
The course offers the basic introduction to Diagnostic Medical Imaging Sonography. Topics of study include history of ultrasound; patient care & communication; patient positioning and safety; exam related documentations and terminology. Students are familiarized with the fundamental principles of the use and maintenance of ultrasound equipment. Also, students are taught the indications of diagnostic Sonography, procedures, pathology and image processing. Students learn the role & responsibilities of diagnostic medical sonographer.

DMS 121: Patient Care in Imaging
In this course, the students learn the basic & appropriate patient care in the imaging environment. The course compromises patient care management, and medicine administration procedures. Also, students learn effective communication skills, ethics, patient's rights, infection control, patient's safety, patient's individual needs & emergency medicine.

DMS 122: Human Anatomy and Physiology II
This course provides an overview of the anatomy and physiology of major human body systems with emphasis on structure, function, and physiological relationships. Students examine the organization of the human body, including anatomical terminology, body cavities, and tissue types. The course focuses on the study of selected body systems including the circulatory, lymphatic, immune, respiratory, endocrine, and reproductive systems. Topics include the composition and function of blood, the anatomy and physiology of the heart, and the circulation of blood and lymph throughout the body. Students also explore the body's immune defenses, respiratory processes involved in gas exchange, hormonal regulation through the endocrine system, and the structure and function of the reproductive system. Course content is based on the following chapters: Chapter 10 (The Circulatory System: Blood), Chapter 11 (The Circulatory System: The Heart), Chapter 12 (Circulation of Blood and Lymph), Chapter 13 (Immune System: Internal Defense), Chapter 14 (The Respiratory System), Chapter 9 (Endocrine System), and Chapter 17 (Reproductive System).

DMS 123: Fundamentals of Sonography 1
This course offers the introduction of abdominal sonographic fundamentals. Topics of study include The abdominal Aorta, Inferior Vena Cava and Portal Vein, Liver, Biliary Tree, Pancreas, Urinary system, and Spleen.

DMS 124 Abdominal Sonography I Lab
This course provides a comprehensive introduction to the field of diagnostic ultrasound. It covers the fundamental principles of ultrasound imaging, including the physical properties of sound waves, transducer technology, and image formation. Students will learn about the

anatomy and physiology of the major organ systems and develop the knowledge and skills necessary to perform and interpret diagnostic ultrasound examinations.

DMS 131 Fundamentals of Sonography (Abdomen II)
The course offers the basic introduction to anatomy, physiology, and pathologies of abdominal and small-parts structures. Topics of study include the urinary tract and adrenals, abdominal vasculature, the liver, biliary tract, pancreas, thyroid and parathyroid glands. Students are familiarized with the anatomical location and appearance, physiological perfusion, as well as sonographic appearance and description.

DMS 132 Abdominal Sonography II Lab
This course will provide a fundamental presentation of topics that are important for students to master becoming competent sonographers. Pathologic images will be introduced as a comparison to the normal. Lab sessions may involve case analysis, image critique, video reviews, computer tutorials, hands-on scanning instruction and practice. Training simulators or phantoms, and other activities deemed pertinent to the student's learning may be introduced. All procedures and protocols covered in the curriculum will be evaluated intermittently.

DMS 133 Ultrasound Physics
This course will provide a detailed review of principles of the production and propagation of sound waves as applied to diagnostic medical Sonography. Included will be acoustic physics, Doppler shift, acoustic parameters, waveform interference and Doppler ultrasound principles.

DMS 211 Fundamentals of Sonography (Gynecology)
This course provides an introduction to gynecological sonography with emphasis on the anatomy, physiology, and ultrasound evaluation of the female reproductive system. Students learn the sonographic anatomy of the female pelvis and the structures of the uterus, ovaries, fallopian tubes, and vagina. The course covers standard female scanning protocols and the use of transabdominal and transvaginal ultrasound techniques in gynecologic imaging. Emphasis is placed on understanding the menstrual cycle, normal and abnormal pelvic findings, and the role of ultrasound in evaluating gynecological conditions. Students also examine postmenopausal sonography and sonohysterography procedures. Case studies and workbook assignments are used to develop image interpretation and clinical correlation skills relevant to diagnostic medical sonography practice.

DMS 212 Obstetrical Sonography Lab ((Gynecology)
This Obstetric and Gynecologic Ultrasound Scanning course is designed for ultrasound technicians who have a solid foundation in ultrasound scanning techniques and wish to enhance their expertise in Obstetric and Gynecologic imaging. This course focuses on advanced ultrasound scanning skills specific to the male pelvis, female pelvis, and all trimesters of pregnancy. Students will develop the necessary skills to perform comprehensive ultrasound examinations, accurately assess fetal development, and detect potential abnormalities throughout pregnancy.

DMS 213 Externship I

Clinical education is essential for developing professional sonographers. Through supervised clinical experience, students integrate didactic knowledge with real patient care while developing technical scanning skills, communication abilities, and professional behavior. The three-part externship structure ensures progressive development of clinical competency throughout the

program. Externship I – Foundations focuses on RUQ scanning competency, Clinical workflow understanding, and Patient interaction and patient care.

DMS 221 Imaging Pathology
This course provides a comprehensive overview of human pathology relevant to clinical imaging and healthcare practice. Students explore mechanisms of cell injury, repair, and inflammation, as well as neoplastic, genetic, and developmental disorders. The course covers fluid hemodynamics, cardiovascular and respiratory pathologies, hematopoietic and lymphoid disorders, and pathologies of major organ systems including the liver, biliary system, pancreas, gastrointestinal tract, urinary tract, and male and female reproductive systems. Breast pathologies are also included. Emphasis is placed on correlating pathological processes with clinical presentation and imaging findings, preparing students to recognize and interpret disease manifestations in diagnostic studies.

DMS 222 Fundamentals of Sonography Obstetrics
This course provides hands-on instruction in obstetric and gynecologic ultrasound, emphasizing imaging of the female pelvis and developing fetus. Students learn image orientation, standard scanning protocols, and identification of normal and abnormal anatomy. The course covers the menstrual cycle, uterine anomalies, first-trimester obstetrics, complications, and fetal anatomy with measurements. Placenta and umbilical cord assessment, as well as high-risk obstetrics, are also included. Lab exercises, case studies, and guided practice develop students' skills in image acquisition, interpretation, and clinical correlation. The course prepares students to perform accurate, diagnostic-quality pelvic and obstetric ultrasound in a clinical setting.

DMS 223 Obstetrics Sonographic Lab
This course provides hands-on training in obstetric sonography with emphasis on fetal anatomy, development, and detection of abnormalities. Students learn to perform standardized scans and interpret ultrasound images of the female pelvis and developing fetus. The course covers the first trimester, fetal head, brain, face, neck, spine, musculoskeletal system, heart, chest, gastrointestinal and genitourinary systems, and chromosomal abnormalities. Lab sessions, quizzes, and case studies reinforce scanning protocols, measurement techniques, and clinical correlation. Emphasis is placed on accurate image acquisition, fetal assessment, and preparation for clinical practice in obstetric ultrasound.

DMS 224 Externship II
Clinical Externship II builds upon the foundational scanning skills developed in Externship I. During this rotation, students will expand their clinical competency in abdominal and superficial imaging while continuing to develop professional clinical workflow, patient care, and scanning proficiency. Students will focus on mastery of the following core examinations of the Aorta, Renal and Thyroid. Students will also participate in any additional ultrasound examinations that clinical preceptors are willing to teach in order to broaden clinical exposure and support completion of ARRT clinical competency requirements.

DMS 231 Registry Review
This course is designed to prepare students for the ARRT registry examination through a comprehensive review of ultrasound physics, instrumentation, abdominal sonography, obstetrics and gynecology, and small parts imaging. Emphasis is placed on image optimization, artifact recognition, and correlation of normal and abnormal sonographic findings. Students will engage

in registry-style practice questions, case review, and focused content reinforcement to strengthen exam readiness and clinical reasoning skills.

DMS 232 Vascular Sonography 1
In this quarter, you will explore advanced vascular ultrasound imaging with an emphasis on **lower extremity venous evaluation**. The course focuses on the anatomy, physiology, and pathology of the venous system, including deep, superficial, and perforator veins. Students will learn to perform comprehensive venous duplex examinations to assess for deep vein thrombosis (DVT), venous reflux, and chronic venous insufficiency.
Through lecture, lab, and clinical application, you will build on your foundational sonography knowledge to master venous scanning techniques, optimize Doppler settings, and accurately interpret hemodynamic patterns.

DMS 233 Vascular Sonography I Lab
In this course students will learn and practice advanced vascular ultrasound imaging with an emphasis on **lower extremity venous evaluation**. The course focuses on the anatomy, physiology, and pathology of the venous system, including deep, superficial, and perforator veins. Students will learn to perform comprehensive venous duplex examinations to assess for deep vein thrombosis (DVT), venous reflux, and chronic venous insufficiency.
Through lab, and clinical application, you will build on your foundational sonography knowledge to master venous scanning techniques, optimize Doppler settings, and accurately interpret hemodynamic patterns.

DMS 234 Externship III
Clinical Externship III represents the final phase of the Diagnostic Medical Sonography clinical education sequence. During this rotation, students are expected to perform ultrasound examinations with increasing independence while demonstrating advanced competency in obstetric, vascular, and complex abdominal imaging. Students will integrate all previously learned scanning techniques while refining clinical judgment, workflow efficiency, and professional communication within the clinical environment. Students will focus on mastery of the following core examinations; Obstetric Ultrasound (First, Second, and Third Trimester); Carotid Doppler; and Lower Extremity Venous Doppler. Students will also participate in additional ultrasound procedures available at the clinical site in order to broaden clinical exposure and complete ARRT clinical competency requirements.

ECO 111 – Basic Medical Terminology
This course introduces students to the language of medicine and the terminology used in healthcare professions. Emphasis is placed on understanding the structure of medical words, including prefixes, suffixes, root words, and combining forms. Students will learn how medical terms are constructed and applied to describe the anatomy, physiology, diseases, diagnostic procedures, and treatments associated with major body systems. The course covers terminology related to the digestive, urinary, reproductive, cardiovascular, nervous, endocrine, respiratory, musculoskeletal, blood, and sensory systems. Additional topics include terminology used in radiology, nuclear medicine, and psychiatry. Through lectures, discussions, and learning management system (LMS) assignments, students will develop the skills necessary to interpret and use medical terms accurately in clinical and academic settings.

ECO 112 – Human Anatomy and Physiology
This course consists of comprehensive and relevant coverage of Anatomy and Physiology of Human Body Systems. Students learn about Human body structures and location, body cavities, terms of reference, human organization. Students learn different type of tissues, their functions and location in the body. Course work includes the Anatomy and physiology of the human body systems and discuss Integumentary system, Skeletal and Muscular System, Cardiovascular, Digestive, Respiratory, Urinary, Endocrine, Nervous, Blood and Lymphatic and the Reproductive System.

ECO 113 – Fundamentals of Echocardiography I (4 Credits)
The course offers the basic introduction to Echocardiography. Topics of study include history of ultrasound; patient care & communication; patient positioning and safety; exam related documentations and terminology. Students are familiarized with the fundamental principles of the use and maintenance of echocardiography equipment. Also, students are taught the indications of diagnostic echocardiography, procedures and image processing. Students learn the role & responsibilities of an echocardiographer.

ECO 114 – Sonographic Imaging I (4 Credits)
Students will be introduced to normal images of the heart and blood vessels and will learn to recognize all relevant anatomical structures in cross section. Pathologic images will be introduced as a comparison to the normal. Echocardiography must be performed according to specified sets of parameters that provide optimal images of the heart and blood vessels. This imaging modality provides a wealth of helpful information, including the size and shape of the heart (internal chamber size quantification), pumping capacity and the location and extent of any tissue damage. Echocardiography also gives physicians estimations of heart function, such as calculations of cardiac output, ejection fraction and diastolic function (how well the heart relaxes). Students will learn correct imaging techniques, scan sequencing and protocols associated with the cardiovascular system. Proper subject positioning is crucial for the successful reproduction of high-quality images and it is important that each subject is positioned consistently for every echocardiography test. Additionally, students will learn proper ergonomics to help prevent self-injury, ensuring long-term career sustainability in the field.

ECO 121 – Cardiographic Tech
This course provides students with a foundational understanding of cardiac anatomy, physiology, and electrophysiology, with a focus on electrocardiography (EKG). Students will learn the structure and function of the heart, conduction pathways, cardiac cycle, and autonomic regulation. The course emphasizes practical skills in EKG lead placement, rhythm monitoring, and interpretation of normal and abnormal cardiac rhythms. Through lab exercises, students gain hands-on experience in acquiring accurate EKG tracings, analyzing waveforms, identifying arrhythmias, and troubleshooting common artifacts. The course integrates theoretical knowledge with practical application to prepare students for clinical practice in cardiovascular care.

ECO 122 – Cardiographic Tech Lab
This lab course provides students with practical, hands-on training in cardiac anatomy, electrophysiology, and electrocardiography (EKG). Emphasis is placed on the technical aspects of EKG acquisition, lead placement, rhythm recognition, and interpretation of cardiac electrical activity. Through interactive lab exercises, students will gain competency in identifying normal

and abnormal cardiac rhythms, understanding conduction pathways, and troubleshooting artifacts. The course integrates theoretical knowledge of coronary anatomy, cardiac physiology, and electrophysiology with applied skills in EKG monitoring and rhythm analysis. Students will engage in guided lab practice to simulate real-world clinical scenarios, preparing them for professional roles in cardiovascular care.

ECO 123 – Fundamentals of Echocardiography II
This course includes interpretation of echocardiography and patterns for pathological states of the endocardial, myocardial, and pericardial diseases, as well as interventional echocardiography. Additional topics include new trends, heart & systemic diseases. Coronary heart disease with its correlation with coronary anatomy and the complications e.g. aneurysm, pseudoaneurysm, and others will be discussed for a comprehensive understanding of echocardiographic evaluation. A brief overview of congenital heart diseases and diseases of the Aorta will also be done. Emphasis will be both on qualitative and quantitative information.

ECO 124 – Sonographic Imaging II (4 Credits)
This course provides comprehensive instruction in the principles, techniques, and applications of cardiac ultrasound. Students will gain in-depth knowledge of cardiac anatomy, physiology, and pathology, as well as the performance and interpretation of various echocardiographic examinations. The course emphasizes the integration of didactic knowledge with hands-on scanning skills, enabling students to perform and interpret 2D, 3D, M-mode, and Doppler echocardiography, including advanced modalities such as contrast studies, stress testing, and transesophageal echocardiography. Through clinical correlation and case-based learning, students will understand the role of echocardiography in cardiovascular diagnostics and patient management.

ECO 131 – Ultrasound Physics (2 Credits)
This course introduces the fundamental principles of ultrasound physics and instrumentation, providing students with a comprehensive understanding of sound wave behavior, image formation, and diagnostic applications in medical imaging. Topics include the physics of sound, pulsed waves, intensities, and the interaction of sound with biological media. Students will learn the design and function of transducers, sound beams, and imaging resolution, as well as display modes and real-time two-dimensional imaging techniques. The course also covers pulsed echo instrumentation, image processing, dynamic range, harmonic imaging, and contrast agent applications. Hemodynamics, Doppler principles, optimizing Doppler imaging, artifacts, quality assurance, and bioeffects are emphasized to ensure safe and effective clinical practice. Through a combination of theoretical instruction and practical exercises, students will develop the knowledge and skills necessary to optimize image quality, interpret sonographic findings, and maintain professional standards in diagnostic ultrasound.

ECO 132 – Fundamentals of Echocardiography III (2 Credits)
This course provides an in-depth study of ventricular function and advanced applications of echocardiography in the evaluation of cardiovascular disease. Emphasis is placed on the assessment of left and right ventricular systolic function, ventricular diastolic filling patterns, and the interpretation of echocardiographic findings related to cardiac performance. Students will explore the role of echocardiography in diagnosing and evaluating coronary artery disease and will learn the principles and clinical applications of stress echocardiography. The course also

introduces specialized echocardiographic techniques and advanced imaging applications used in modern cardiovascular diagnostics. Through case studies, image interpretation, and clinical correlation, students will develop the knowledge and analytical skills necessary to recognize normal and abnormal cardiac function and apply echocardiographic findings to patient care.

ECO 133 – Sonographic Imaging III (2 Credits)
Students will be introduced to normal images of the heart and blood vessels and will learn to recognize all relevant anatomical structures in cross section. Pathologic images will be introduced as a comparison to the normal. Echocardiography must be performed according to specified sets of parameters that provide optimal images of the heart and blood vessels. This imaging modality provides a wealth of helpful information, including the size and shape of the heart (internal chamber size quantification), pumping capacity and the location and extent of any tissue damage. Echocardiography also gives physicians estimations of heart function, such as calculations of cardiac output, ejection fraction and diastolic function (how well the heart relaxes). Students will learn correct imaging techniques; scan sequencing and protocols associated with the cardiovascular system. Proper subject positioning is crucial for the successful reproduction of high-quality images and it is important that each subject is positioned consistently for every echocardiography test. Additionally, students will learn proper ergonomics to help prevent self-injury, ensuring long-term career sustainability in the field.

ECO 134 – Externship I
Clinical education is essential in preparing students for professional practice in diagnostic cardiac sonography. Through supervised clinical experiences, students integrate classroom knowledge with real-world patient care while developing scanning proficiency, professional communication skills, and clinical judgment. The echocardiography externship sequence follows a progressive competency-based model aligned with Cardiovascular Credentialing International (CCI) standards. Externship I – Foundations of Cardiac Imaging: Students begin developing foundational cardiac scanning skills and understanding of echocardiography workflow. Focus areas include: Cardiac anatomy recognition; Standard echocardiographic imaging planes; Patient positioning and preparation; Department workflow and patient care; Introduction to Doppler techniques

ECO 211 – Patient Care in Imaging
In this course, the students learn the basic & appropriate patient care in the imaging environment. The course compromises patient care management, and medicine administration procedures. Also, students learn effective communication skills, ethics, patient's rights, infection control, patient's safety, patient's individual needs & emergency medicine.

ECO 212 – Fundamentals of Echocardiography IV
This course focuses on the echocardiographic evaluation of major cardiac disease processes, including cardiomyopathies, hypertensive heart disease, pulmonary heart disease, pericardial disorders, and valvular heart disease. Students will examine the pathophysiology, clinical presentation, and sonographic characteristics of these conditions using two-dimensional and Doppler echocardiographic techniques. Emphasis is placed on identifying structural and functional abnormalities of the myocardium, pericardium, and cardiac valves, as well as understanding the hemodynamic consequences of stenotic and regurgitant valvular lesions. Through image analysis, case studies, and clinical correlation, students will develop the ability to

recognize disease patterns and interpret echocardiographic findings to support accurate cardiovascular diagnosis and patient management.

ECO 213 – Sonographic Imaging IV

This course provides hands-on training in echocardiographic imaging techniques and the practical application of cardiac ultrasound principles in a laboratory setting. Students will develop scanning proficiency while learning standardized imaging protocols, cardiac measurements, and preliminary reporting procedures. Emphasis is placed on the evaluation of cardiac structures and pathology including pericardial disease, congenital heart defects, cardiomyopathies, valvular disorders, and aortic abnormalities. Students will practice obtaining diagnostic-quality images while performing measurements such as ventricular dimensions, valve assessments, Doppler calculations, and hemodynamic evaluations. Additional focus is placed on image optimization techniques including gain settings, time gain compensation (TGC), lateral gain compensation (LGC), harmonics, focus, compression, and color Doppler adjustments. Through quizzes, imaging assignments, and competency assessments, students will demonstrate proficiency in cardiac imaging protocols, measurements, and interpretation necessary for clinical echocardiography practice.

ECO 214 – Externship II (9 Credits)

Clinical education continues to build upon the foundational scanning skills developed in Echocardiography Externship I. Through supervised clinical experiences, students expand their technical abilities while performing more comprehensive transthoracic echocardiographic examinations. Students develop competency in cardiac measurements, Doppler evaluation, and recognition of common cardiac pathologies. Clinical training progresses toward performing substantial portions of a complete echocardiographic examination under the supervision of a registered cardiac sonographer. The externship sequence follows a competency-based model aligned with professional standards established by the Cardiovascular Credentialing International for the Registered Cardiac Sonographer (RCS) credential.

ECO 221 – Registry Review (1 Credit)

This course provides a comprehensive review of essential concepts in echocardiography to prepare students for the ARRT Echocardiography Registry Examination. The course reinforces knowledge of cardiac anatomy and physiology, echocardiographic examination protocols, cardiac hemodynamics, ventricular systolic and diastolic function, and Doppler flow patterns. Students will review major cardiovascular disease processes including coronary artery disease, valvular heart disease, cardiomyopathies, congenital heart disease, pericardial disorders, diseases of the great arteries, and cardiac tumors. Emphasis is placed on correlating clinical findings with echocardiographic imaging and Doppler measurements. The course also includes a review of ultrasound physics and Doppler principles relevant to echocardiography. Interactive lectures, review sessions, quizzes, and assignments are designed to strengthen test-taking skills and reinforce critical concepts necessary for success on the ARRT registry examination and professional practice in cardiac sonography.

ECO 222 – Sonographic Imaging V

This course provides hands-on training in echocardiographic imaging techniques and measurement protocols used in clinical cardiac ultrasound. Students will develop practical scanning skills while performing standardized echocardiographic examinations and applying

baseline imaging protocols. Emphasis is placed on the evaluation of cardiac anatomy, ventricular function, valvular disease, congenital heart defects, and major cardiovascular abnormalities. Students will practice obtaining diagnostic-quality images, performing cardiac measurements, and applying Doppler techniques to evaluate hemodynamic parameters. The course also focuses on optimizing ultrasound image quality using instrument controls such as gain, time gain compensation (TGC), lateral gain compensation (LGC), focus, harmonics, compression, and color Doppler settings. Through guided laboratory sessions, quizzes, competency assessments, and case-based imaging practice, students will gain the technical proficiency and critical thinking skills necessary to perform echocardiographic examinations and prepare preliminary reports consistent with professional clinical standards.

ECO 223 – Fundamentals of Echocardiography V

This course focuses on advanced echocardiographic techniques and specialized cardiac imaging applications used in the diagnosis and evaluation of complex cardiovascular conditions. Students will study the echocardiographic protocol, including systematic approaches to performing comprehensive cardiac ultrasound examinations. Emphasis is placed on the assessment and evaluation of prosthetic heart valves, including identification of normal function and complications using Doppler and imaging techniques. The course also explores specialized echocardiography applications such as transesophageal echocardiography (TEE), providing students with an understanding of indications, procedures, and diagnostic advantages of this modality. Additional instruction includes myocardial strain imaging and its role in assessing ventricular function and detecting subtle myocardial abnormalities. Through lectures, case studies, interactive activities, and assignments, students will strengthen their ability to interpret complex echocardiographic findings and apply advanced imaging techniques in clinical practice.

ECO 224 – Externship III (11 Credits)

Echocardiography Externship III represents the final stage of clinical training in the Echocardiography Program. Students build upon the skills developed in previous externships by performing comprehensive transthoracic echocardiographic examinations under the supervision of registered cardiac sonographers. Students refine advanced scanning techniques, perform complete echocardiographic studies, recognize common cardiac pathologies, and develop professional workflow skills expected of entry-level cardiac sonographers. The clinical externship sequence follows a competency-based model aligned with professional standards established by the Cardiovascular Credentialing International for the Registered Cardiac Sonographer (RCS) credential.

SUR 111 – Basic Medical Terminology (3 Credits)

This course introduces students to the language of medicine and the terminology used in healthcare professions. Emphasis is placed on understanding the structure of medical words, including prefixes, suffixes, root words, and combining forms. Students will learn how medical terms are constructed and applied to describe the anatomy, physiology, diseases, diagnostic procedures, and treatments associated with major body systems. The course covers terminology related to the digestive, urinary, reproductive, cardiovascular, nervous, endocrine, respiratory, musculoskeletal, blood, and sensory systems. Additional topics include terminology used in radiology, nuclear medicine, and psychiatry. Through lectures, discussions, and learning management system (LMS) assignments, students will develop the skills necessary to interpret and use medical terms accurately in clinical and academic settings. Successful completion of this

course will prepare students for advanced coursework in allied health fields such as diagnostic medical sonography, vascular sonography, MRI, radiology, nursing, and other healthcare professions.

SUR 112 – Human Anatomy and Physiology I (4 Credits)

This course introduces the fundamental concepts of human anatomy and physiology with emphasis on the structure and function of major body systems. Students begin with an overview of the human body, including levels of organization, anatomical terminology, and body systems. The course examines cellular structure, tissue types, and their roles in maintaining normal body function. Students study several major systems including the integumentary, musculoskeletal, nervous, digestive, and urinary systems. Emphasis is placed on understanding how these systems work together to maintain homeostasis. Topics include the central and peripheral nervous systems, sensory receptors, digestion and nutrient absorption, waste elimination through the urinary system, and the structure and function of skin, muscles, and bones. This course provides foundational knowledge necessary for students preparing for careers in healthcare and diagnostic imaging.

SUR 113 – Surgical Technology I

This course introduces students to the fundamental concepts and practices of surgical technology. It provides a comprehensive foundation in the roles and responsibilities of surgical technologists within the perioperative environment. Topics include legal and ethical considerations, risk management, patient care, surgical asepsis, safety standards, biomedical science, emergency preparedness, and the classification and use of surgical instruments, equipment, and supplies.

Students will engage in a combination of textbook study, LMS-based PowerPoint lectures, workbook assignments, quizzes, and practice assessments to reinforce learning. Emphasis is placed on understanding best practices, professional standards, and safety protocols essential for effective and safe participation in surgical procedures. This course prepares students to progress to hands-on laboratory skills and clinical experiences while developing critical thinking and decision-making abilities relevant to the operating room.

SUR 114 – Surgical Instrumentation I (4 Credits)

This laboratory course provides hands-on training in essential surgical technology skills required for safe and effective practice in the operating room environment. Students will develop competency through demonstrations and return demonstrations in proper operating room attire, sterile technique, surgical instrumentation, equipment handling, and patient care procedures. Emphasis is placed on infection prevention, environmental safety, decontamination and sterilization processes, and proper management of surgical supplies and instruments.

Students will learn and practice critical perioperative skills including hand hygiene, surgical scrubbing, gowning and gloving techniques, sterile field maintenance, and safe handling of sharps and hazardous materials. The course also introduces students to common surgical instruments and their classifications, specialized equipment, and operating room furniture. Additional laboratory training focuses on proper setup of the back table and Mayo stand, instrument and supply counts, and patient transfer and positioning for various surgical procedures.

Through structured laboratory exercises, simulation activities, and supervised return demonstrations, students will apply theoretical knowledge to real-world surgical scenarios. The course emphasizes adherence to professional standards of practice, patient safety, and teamwork within the surgical environment. By the end of the course, students will demonstrate competency in fundamental surgical laboratory skills necessary for entry-level performance in the operating room.

SUR 121 – Human Anatomy and Physiology II

This course provides an overview of the anatomy and physiology of major human body systems with emphasis on structure, function, and physiological relationships. Students examine the organization of the human body, including anatomical terminology, body cavities, and tissue types. The course focuses on the study of selected body systems including the circulatory, lymphatic, immune, respiratory, endocrine, and reproductive systems. Topics include the composition and function of blood, the anatomy and physiology of the heart, and the circulation of blood and lymph throughout the body. Students also explore the body's immune defenses, respiratory processes involved in gas exchange, hormonal regulation through the endocrine system, and the structure and function of the reproductive system. Course content is based on the following chapters: Chapter 10 (The Circulatory System: Blood), Chapter 11 (The Circulatory System: The Heart), Chapter 12 (Circulation of Blood and Lymph), Chapter 13 (Immune System: Internal Defense), Chapter 14 (The Respiratory System), Chapter 9 (Endocrine System), and Chapter 17 (Reproductive System).

SUR 122 – Fundamentals of Pharmacology and Microbiology

This course provides students with foundational knowledge of microbiology, infection control, pharmacology, and anesthesia principles as they relate to the surgical environment. Emphasis is placed on understanding microorganisms associated with surgical site infections (SSI), including bacteria, viruses, parasites, and emerging infectious diseases. Students will examine methods of disease transmission, infection prevention strategies, and standards of practice for disinfection, decontamination, and sterilization in the operating room. The course also introduces basic pharmacology concepts relevant to surgical practice, including drug classifications, pharmacokinetics and pharmacodynamics, medication calculations, legal drug classifications, and medication handling. Students will study commonly used pharmaceutical agents in surgical specialties, as well as the principles of surgical hemostasis and patient monitoring. In addition, the course covers anesthesia equipment, anesthesia agents, and different anesthesia techniques such as general, regional, and local anesthesia. Through discussions, assignments, quizzes, and workbook activities delivered through the Learning Management System (LMS), students will apply theoretical knowledge to clinical scenarios commonly encountered in surgical settings. By the end of the course, students will demonstrate an understanding of infection control, medication safety, and anesthesia practices necessary for safe and effective patient care in the operating room.

SUR 123 – Surgical Technology II

This course builds on foundational surgical technology knowledge by focusing on hemostasis, wound healing, and surgical case management across the perioperative continuum. Students will study the principles of hemostasis, wound closure techniques, and patient care during preoperative, intraoperative, and postoperative phases. The course also emphasizes diagnostic

procedures and the application of minimally invasive surgical techniques, providing an understanding of advanced instruments, equipment, and procedural workflows. Learning activities include textbook reading, LMS-based lectures, workbook exercises, practice quizzes, and case reviews to reinforce theoretical knowledge and prepare students for competency assessments and final examination. By integrating knowledge of patient care, surgical techniques, and technology, this course prepares students for safe and effective participation in modern surgical practice.

SUR 124 – Surgical Instrumentation II

This course provides students with an in-depth exploration of specialized surgical procedures and perioperative case management across multiple surgical specialties, including obstetrics/gynecology, oral and maxillofacial surgery, plastic and reconstructive surgery, genitourinary, orthopedic, cardiovascular/thoracic, and neurosurgery. Through textbook readings, LMS resources, case studies, assessments, and in-class activities, students will develop the knowledge and critical thinking skills required to manage patients safely and effectively throughout the surgical continuum. Emphasis is placed on patient positioning, surgical technique, instrumentation, and post-operative care, with integration of certification-style case scenarios and hands-on evaluations to prepare students for professional practice and board examinations. Learning activities include essay presentations, multiple-choice assessments, case studies, and hands-on in-person evaluations, fostering both theoretical understanding and practical competency in surgical procedures.

SUR 131 – Surgical Technology III

This course provides an in-depth exploration of major surgical specialties, including ophthalmic, otorhinolaryngologic (ENT), oral and maxillofacial, plastic and reconstructive, genitourinary, orthopedic, cardiothoracic, peripheral vascular, and neurosurgery. Students will examine the unique procedures, instruments, patient positioning, and perioperative considerations for each specialty. Learning is delivered through LMS-based resources, textbook readings, study guides, practice quizzes, and case reviews. The course emphasizes critical thinking, clinical decision-making, and preparation for certification-style assessments. Students will apply knowledge of surgical procedures and case management to ensure patient safety and efficient operative workflow. Through course review, practice assessments, and final examinations, students will synthesize knowledge across multiple surgical disciplines, preparing them for both clinical practice and professional certification.

SUR 132 – Surgical Instrumentation III (7.5 Credits)

This course provides an advanced study of surgical specialties with a focus on perioperative patient management, instrumentation, and procedural workflow. Covered specialties include otorhinolaryngology (ENT), oral and maxillofacial surgery, plastic and reconstructive surgery, cardiothoracic surgery, peripheral vascular surgery, and neurosurgery. Students will engage in readings, LMS-based resources, and Cengage assignments, complemented by quizzes, chapter tests, and midterm and final examinations. The course emphasizes clinical reasoning, case management, patient safety, and integration of specialty-specific surgical techniques. Through structured assessments and practice scenarios, students will develop the knowledge and skills necessary for safe, efficient, and effective participation in advanced surgical procedures.

SUR 211 – Surgical Technology IV

Stellar Career College Surgical Technology Program is designed to prepare competent entry-based level surgical technologists in three learning domains: The Cognitive (knowledge), Psychomotor (hands on) and affective (behavior) learning domains. This course provides a comprehensive review for surgical technology to sit in for NCCT certification for Surgical Technologist. These covers. Instruction in professional responsibility in the operating room environment, as well as communication and team work. Positioning of patients, Prepping, Drapping of different surgical procedures and in all aspects of patient care, Decontamination, Assemble of trays, Wrapping, Sterilization and Storage. Handling of delicate instruments, scopes and fiberoptic cords It will cover the responsibilities of the surgical technologist in the first scrub role during preoperative, intraoperative and post-operative phase of surgical case management. Transferring of patients from stretcher to surgical OR bed, insertion of Foley catheter, different drainage and their usage. Usage of hemostatic agents how and when to prepare Emphasize also the Legal Concept, Instrumentation equipment and supplies, minimally invasive surgery, and to exhibit proficiency in the theoretical and practical application of surgical aseptic technique.

SUR 212 – Surgical Instrumentation IV

Stellar Career College Surgical Technology Program is designed to prepare competent entry-based level surgical technologists in three learning domains: The Cognitive (knowledge), Psychomotor (hands on) and affective (behavior) learning domains. This course provides a comprehensive review for surgical technology to sit in for NCCT certification for Surgical Technologist. These covers. Instruction in professional responsibility in the operating room environment, as well as communication and team work. Positioning of patients, Prepping, Drapping of different surgical procedures and in all aspects of patient care, Decontamination, Assemble of trays, Wrapping, Sterilization and Storage. Handling of delicate instruments, scopes and fiberoptic cords It will cover the responsibilities of the surgical technologist in the first scrub role during preoperative, intraoperative and post-operative phase of surgical case management. Transferring of patients from stretcher to surgical OR bed, insertion of Foley catheter, different drainage and their usage. Usage of hemostatic agents how and when to prepare Emphasize also the Legal Concept, Instrumentation equipment and supplies, minimally invasive surgery, and to exhibit proficiency in the theoretical and practical application of surgical aseptic technique.

SUR 213 – Certificate Review

Stellar Career College, Surgical Technology Program is designed to prepare competent entry-based level surgical technologists in three learning domains the Cognitive (knowledge), Psychomotor (hands on) and affective (behavior) learning domains. This course prepares the students to develop a deeper and broader understanding for comprehensive review for preparation in sitting for the NCCT Examination that covers Anatomy and Physiology, Microbiology, Medical Terminology, Basic Sciences, Pharmacology, Introduction to Surgical Technology, Principles and Practice of Surgical Technology and Surgical Procedures, This class include laboratory component if needed

SUR 214 – Externship I

The Surgical Technologist Externship provides students with supervised clinical experience in the operating room environment. Students apply the knowledge and technical skills acquired in the surgical technology program to real surgical procedures in affiliated healthcare facilities. Under the supervision of certified surgical technologists, registered nurses, and surgeons, students participate in perioperative patient care, sterile technique, instrumentation handling, surgical case preparation, and intraoperative assistance. Emphasis is placed on professionalism, patient safety, surgical asepsis, teamwork, and adherence to established operating room protocols. This externship prepares students for entry-level practice as a surgical technologist

MA101 Medical Terminology:
This course introduces students to the language of medicine with emphasis on the structure, meaning, and pronunciation of medical terms used in healthcare professions. Students will learn how medical words are formed through the combination of word roots, prefixes, suffixes, and combining forms. The course begins with the basic structure of medical terminology and terms related to the body as a whole. It then progresses to commonly used prefixes and suffixes that modify medical meanings. Students will apply this knowledge to terminology related to specific body systems and healthcare specialties including the digestive system, reproductive systems, oncology, radiology, and pharmacology. Emphasis is placed on correct spelling, pronunciation, and interpretation of medical terms to support effective communication in clinical settings. By the end of the course, students will be able to analyze, construct, and understand medical terminology commonly encountered in medical imaging and allied health professions.

MA102 Anatomy and Physiology:
This course provides an overview of the anatomy and physiology of major human body systems with emphasis on structure, function, and physiological relationships. Students examine the organization of the human body, including anatomical terminology, body cavities, and tissue types. The course focuses on the study of selected body systems including the circulatory, lymphatic, immune, respiratory, endocrine, and reproductive systems. Topics include the composition and function of blood, the anatomy and physiology of the heart, and the circulation of blood and lymph throughout the body. Students also explore the body's immune defenses, respiratory processes involved in gas exchange, hormonal regulation through the endocrine system, and the structure and function of the reproductive system. Course content is based on the following chapters: Chapter 10 (The Circulatory System: Blood), Chapter 11 (The Circulatory System: The Heart), Chapter 12 (Circulation of Blood and Lymph), Chapter 13 (Immune System: Internal Defense), Chapter 14 (The Respiratory System), Chapter 9 (Endocrine System), and Chapter 17 (Reproductive System).

MA103 Medical Assisting I:
This course introduces students to the essential administrative and clinical competencies required of medical assistants in modern healthcare settings. Using *Administrative and Clinical Competencies for Medical Assisting (9th Edition)* by Michelle Blesi, students will explore the roles, responsibilities, and professional standards expected in medical offices, clinics, and other healthcare facilities.
The course provides a foundation in healthcare delivery systems, medical office procedures, patient communication, and legal and ethical responsibilities in medical practice. Students will

develop both administrative and clinical knowledge necessary for assisting healthcare providers and supporting patient care. Additional topics include medical documentation, patient interaction, safety procedures, diagnostic support, and specialty areas within medical assisting.

Through lectures, discussions, and practical learning activities, students will gain the skills needed to perform effectively in healthcare environments while maintaining professionalism, accuracy, and patient-centered care. The course includes a midterm and comprehensive final examination to evaluate students' understanding of both administrative and clinical competencies.

MA104 Medical Assisting I Lab:
This laboratory course provides hands-on training in administrative and clinical procedures that correspond to the chapters covered in the Medical Assisting lecture course using *Administrative and Clinical Competencies for Medical Assisting (9th Edition)* by Michelle Blesi. The lab emphasizes the development of practical skills required in healthcare settings, including patient interaction, medical office procedures, documentation, infection control, and clinical assisting techniques.
Students will practice essential medical assisting competencies in a simulated clinical environment, reinforcing concepts learned in the lecture course. Activities will include patient intake procedures, communication techniques, preparation for examinations, assisting with clinical procedures, safety practices, and administrative workflow tasks. Emphasis is placed on accuracy, professionalism, patient safety, and adherence to healthcare standards.

Through demonstrations, supervised practice, and skills assessments, students will develop the technical and professional skills necessary to function effectively as medical assistants in medical offices, clinics, and other healthcare environments. The course includes laboratory skill evaluations, a midterm competency assessment, and a comprehensive final skills evaluation.

PHL 101 Phlebotomy:
This course covers the knowledge in technical and procedural aspects of basic phlebotomy, including collection of blood specimens and venipuncture required to become a Phlebotomy technician. This course includes theory and hands-on instruction. The course will teach students the concepts of Introduction to Phlebotomy & Infection Control, Legal Issues in Healthcare, Introduction to Human Anatomy & Physiology, Phlebotomy Equipment & Supplies, Phlebotomy Procedures, and Phlebotomy Fundamental Essentials. The students will perform phlebotomy procedures on campus and actual procedures in a clinical setting.

PHL 102 Phlebotomy Lab:
This laboratory course provides hands-on training in phlebotomy procedures and techniques used for the collection of blood and other laboratory specimens. The course complements the lecture component by allowing students to practice skills related to infection control, patient safety, specimen collection, and proper handling of laboratory samples. Students will develop competency in venipuncture, capillary puncture, specimen processing, and patient interaction within a simulated clinical environment.
Laboratory activities emphasize adherence to safety guidelines, proper use of phlebotomy equipment, and effective communication with patients. Students will practice identifying

anatomical structures relevant to blood collection, performing venipuncture procedures, managing patient reactions, and following proper specimen preparation and transport protocols. The course also reinforces professional conduct, customer service skills, and legal and ethical responsibilities in laboratory practice.

Through demonstrations, supervised practice, and competency-based assessments, students will gain the technical proficiency necessary for entry-level phlebotomy practice in hospitals, clinics, diagnostic laboratories, and other healthcare settings. A midterm laboratory competency assessment and a comprehensive final skills evaluation will measure students' mastery of phlebotomy procedures.

MA105 Medical Assisting II:
This course builds upon foundational medical assisting knowledge and focuses on advanced administrative and clinical competencies required in healthcare settings. Using *Administrative and Clinical Competencies for Medical Assisting (9th Edition)* by Michelle Blesi, students will explore specialized clinical procedures, diagnostic testing, pharmacology principles, and patient care techniques used in medical offices and outpatient clinics.

The course emphasizes practical knowledge related to laboratory procedures, diagnostic support services, medication administration principles, and assisting healthcare providers with patient examinations and treatments. Students will also study procedures related to specialty areas in medical practice and gain a deeper understanding of patient safety, documentation, and professional responsibilities.

Through lectures, discussions, and applied learning activities, students will develop the skills necessary to support physicians and other healthcare professionals in delivering quality patient care. A midterm examination will assess knowledge of selected chapters, and a comprehensive final examination will evaluate mastery of all course material.

MA106 Medical Assisting II Lab:
This laboratory course provides hands-on training that corresponds with the topics covered in Medical Assisting II using *Administrative and Clinical Competencies for Medical Assisting (9th Edition)* by Michelle Blesi. The course focuses on the development of advanced clinical and administrative skills required in healthcare settings. Students will practice procedures related to diagnostic testing, specimen collection, medication preparation, patient care techniques, and assisting with specialized medical procedures.

The laboratory environment allows students to apply theoretical knowledge from the lecture course through demonstrations, guided practice, and simulated clinical activities. Emphasis is placed on patient safety, infection control, proper documentation, professionalism, and adherence to healthcare regulations. Students will also develop competency in supporting diagnostic and therapeutic procedures commonly performed in medical offices and outpatient clinics.

Through supervised laboratory exercises, skills assessments, and competency evaluations, students will develop the technical proficiency and confidence necessary to perform advanced medical assisting duties in clinical practice. The course includes a midterm laboratory competency assessment and a comprehensive final skills evaluation.

MA107 Medical Assisting Practicum I:
Course Prerequisite: Successful completion of all MA core classes
MA 107 Medical Assisting Practicum I provides students with supervised clinical experience in a healthcare facility such as a physician's office, clinic, outpatient center, or diagnostic laboratory. This course allows students to apply the administrative and clinical competencies learned throughout the Medical Assisting and Phlebotomy curriculum using *Administrative and Clinical Competencies for Medical Assisting, 9th Edition* by Michelle Blesi and the phlebotomy training materials covered in the program.

Under the supervision of qualified healthcare professionals, students will participate in daily clinical operations including patient intake procedures, vital signs measurement, clinical assisting, medical office administrative duties, infection control practices, and specimen collection procedures. Students will also observe and assist with diagnostic testing and patient care procedures while maintaining professional conduct and patient confidentiality.

The externship emphasizes the development of workplace readiness skills including communication, teamwork, time management, and adherence to healthcare regulations. Students will begin performing phlebotomy procedures such as venipuncture and capillary collection under supervision. Competency evaluation will be conducted through clinical performance assessments and documentation of completed skills.

MA108 Medical Assisting Practicum II:
Course Prerequisite: Successful completion of all MA core classes
MA 108 Medical Assisting Practicum II is an advanced supervised clinical experience that builds upon the skills developed in Clinical Externship I. Students continue training in healthcare facilities where they apply advanced administrative, clinical, and phlebotomy competencies in real-world clinical environments.

Students will actively participate in patient care activities including assisting with medical procedures, performing laboratory specimen collection, supporting diagnostic testing, and maintaining accurate medical documentation. Emphasis is placed on strengthening clinical decision-making, improving technical proficiency, and demonstrating professionalism in patient-centered care.

During this externship, students are expected to perform phlebotomy procedures with increased independence, including venipuncture, capillary collection, specimen preparation, and proper laboratory handling techniques. Students will also assist with additional clinical procedures, patient education, and medical office operations.

This course serves as the final clinical training experience of the Medical Assisting Program and prepares students for entry-level employment in medical offices, clinics, hospitals, and laboratory settings**.**

VAS 101 Basic Medical Terminology:
This course introduces students to the language of medicine and the terminology used in healthcare professions. Emphasis is placed on understanding the structure of medical words, including prefixes, suffixes, root words, and combining forms. Students will learn how medical

terms are constructed and applied to describe the anatomy, physiology, diseases, diagnostic procedures, and treatments associated with major body systems. The course covers terminology related to the digestive, urinary, reproductive, cardiovascular, nervous, endocrine, respiratory, musculoskeletal, blood, and sensory systems. Additional topics include terminology used in radiology, nuclear medicine, and psychiatry. Through lectures, discussions, and learning management system (LMS) assignments, students will develop the skills necessary to interpret and use medical terms accurately in clinical and academic settings.

VAS 102 Human Anatomy and Physiology I:
This course provides a foundational study of the structure and function of the human body. Students are introduced to the basic organization of the body, including cellular structure, tissue types, and the integration of organ systems that maintain homeostasis. The course explores the anatomy and physiology of major body systems including the integumentary, skeletal, muscular, nervous, sensory, and endocrine systems. Emphasis is placed on understanding how these systems interact to support normal body function and how structural changes can affect physiological processes. Through lectures, discussions, and course reviews, students will develop a comprehensive understanding of human body organization from the cellular level to complex system regulation. A midterm and comprehensive final exam will evaluate student mastery of the material.

VAS 103 Healthcare Laws and Ethics:
This Course will review certain aspects of the following topics the U.S Legal System, Basis and Principles of Ethics, Bioethical Issues in Healthcare, Healthcare Standards and Compliance, Torts in Healthcare, Medical Malpractice and Liability, Healthcare Business and Operations, Workplace Issues and Employment Laws, Medical Records and HIPAA, Mandatory Reporting and Public Duties in Healthcare, Conflict Management, Birth and Life, Death and Dying and Key Trends in Healthcare Law and Ethics based on selective chapters mentioned in the syllabus.

VAS 104 Patient Care in Imaging:
In this course, the students learn the basic & appropriate patient care in the imaging environment. The course compromises patient care management, and medicine administration procedures. Also, students learn effective communication skills, ethics, patient's rights, infection control, patient's safety, patient's individual needs & emergency medicine.

VAS 105 Human Anatomy and Physiology II:
This course continues the study of human anatomy and physiology with emphasis on the structure and function of major organ systems responsible for circulation, immunity, respiration, digestion, excretion, and reproduction. Students will examine the composition and function of blood, the anatomy and physiology of the heart, and the mechanisms of blood and lymph circulation throughout the body. The course also explores the immune system and its role in internal defense against disease, as went of course concepts.

VAS 106 Imaging Pathology:
The course offers a review of the Pathological understanding of abdominal organ pathologies. It is important to understand the common terminologies and the disease perspective of the

disease process that applies to all/ many organs.

VAS 111 Vascular Sonography I:
This course provides a focused review of the fundamental principles of vascular ultrasound physics and imaging techniques used in vascular diagnostics. Students will review core concepts in ultrasound physics, including sound wave propagation, Doppler principles, and the relationship between ultrasound signals and blood flow. Emphasis is placed on duplex imaging and its application in evaluating vascular anatomy and hemodynamics. The course also introduces extracranial cerebrovascular evaluation and the principles of venous hemodynamics used in clinical vascular studies. Through lectures, reviews, and examinations, students will strengthen their understanding of the theoretical and practical components necessary for accurate vascular ultrasound interpretation.

VAS 112 Vascular Sonography Lab I:
This course provides a comprehensive introduction to the field of vascular diagnostic ultrasound. It emphasizes the fundamental principles of duplex imaging, including the physical properties of sound waves, Doppler physics, transducer selection, and image optimization. Students will explore the anatomy and physiology of the major vascular systems, including cerebrovascular, peripheral arterial, peripheral venous, and abdominal vasculature. Through a combination of didactic instruction and hands-on lab training, students will develop the technical knowledge and scanning skills necessary to perform and interpret non-invasive vascular ultrasound examinations using current protocols and best practices.

VAS 113 Vascular Sonography II:
This course provides an in-depth study of venous ultrasound evaluation of both the upper and lower extremities. Students will learn the anatomy, physiology, and hemodynamics of the venous system and the ultrasound techniques used to assess venous obstruction and venous insufficiency. Emphasis is placed on diagnostic protocols, Doppler waveform interpretation, and the identification of common venous pathologies such as deep vein thrombosis and venous reflux. The course also introduces upper extremity venous evaluation techniques and compares them with lower extremity studies. Through lectures, quizzes, case discussions, and a midterm examination, students will strengthen their ability to recognize normal and abnormal venous findings and understand their clinical significance in vascular ultrasound practice.

VAS 114 Vascular Sonography Lab II:
This course emphasizes mastery of protocols and scanning techniques vascular diagnostic ultrasound undertaken in VAS 112 Sonography Lab II. It emphasizes the fundamental principles of duplex imaging, including the physical properties of sound waves, Doppler physics, transducer selection, and image optimization. Students will explore the anatomy and physiology of the major vascular systems, including cerebrovascular, peripheral arterial, peripheral venous, and abdominal vasculature. Through a combination of didactic instruction and hands-on lab training, students will develop the technical knowledge and scanning skills necessary to perform and interpret non-invasive vascular ultrasound examinations using current protocols and best practices.

VAS 115 Vascular Sonography III:

Vascular Sonography 115 course provides advanced instruction in vascular sonography, focusing on abdominal venous duplex imaging, upper extremity venous evaluation for obstruction, and hemodialysis access assessment. Students will also explore statistical criteria used to classify vascular disease, enhancing their ability to interpret diagnostic data and apply clinical decision-making protocols.

VAS 116 Vascular Sonography Lab III:
This course enhances the knowledge and skills of students in the field of vascular diagnostic ultrasound. It emphasizes the fundamental principles of duplex imaging, including the physical properties of sound waves, Doppler techniques, transducer selection, and image optimization. Students will study the anatomy and physiology of the major vascular systems, including cerebrovascular, peripheral arterial, peripheral venous, and abdominal vasculature.
Because students are currently in Quarter3, this semester will focus heavily on Lower Extremity Vascular Imaging, including venous and arterial protocols, waveform interpretation, and identification of pathology such as DVT and PAD.
Through a combination of didactic instruction and hands-on lab training, students will build technical knowledge and scanning skills necessary to perform and interpret non-invasive vascular ultrasound examinations using current clinical protocols and best practices.

VAS 120 Registry Review:
The Vascular Sonography Registry Review course is designed to prepare students for the ARRT Vascular Sonography certification examination. This comprehensive review course reinforces core concepts in vascular anatomy, physiology, hemodynamics, Doppler principles, vascular pathology, and ultrasound imaging protocols. Students will review arterial and venous ultrasound examinations of the cerebrovascular, peripheral arterial, peripheral venous, and abdominal vascular systems. Emphasis is placed on image interpretation, clinical correlations, exam protocols, and test-taking strategies aligned with ARRT registry content specifications. Practice examinations and case studies will be utilized to strengthen diagnostic reasoning and registry readiness.

VAS 121 Externship:
VAS 121 Vascular Sonography Clinical Externship provides students with supervised clinical experience in performing diagnostic vascular ultrasound examinations. Students will apply theoretical knowledge of vascular anatomy, Doppler physics, hemodynamics, and vascular pathology in a real clinical environment. Under the supervision of registered vascular sonographers and physicians, students will develop competency in vascular imaging protocols, patient care, and diagnostic image acquisition.

The externship emphasizes mastery of scanning techniques, Doppler waveform interpretation, and clinical workflow while ensuring students meet competency requirements consistent with American Registry of Radiologic Technologists (ARRT) Vascular Sonography certification standards.

IT COURSES

CS 111 Introduction to IT Fundamentals

This course provides an overview of basic information technology principles and concepts. Topics include computer hardware, software, operating systems, input and output devices, and fundamental troubleshooting techniques. Students gain foundational knowledge of computer systems and essential maintenance tasks required for entry-level IT support roles.

CS 112 CompTIA A+ Part I: Hardware and Networking Fundamentals

This course prepares students for the first portion of the CompTIA A+ certification examination. Emphasis is placed on computer hardware, networking fundamentals, mobile devices, and system components. Students develop hands-on skills in configuring, maintaining, and troubleshooting hardware and basic network environments.

CS 113 CompTIA A+ Part II: Operating Systems and Software Troubleshooting

This course prepares students for the second portion of the CompTIA A+ certification examination. Topics include operating system installation and configuration, software troubleshooting, security fundamentals, and best practices for system management. Emphasis is placed on diagnosing and resolving software-related issues in diverse computing environments.

CS 121 Advanced Operating Systems

This course provides advanced instruction in operating system concepts, including system administration, configuration, virtualization, and automation. Students gain experience working with Windows, Linux, and macOS operating systems while learning system optimization and management techniques used in enterprise environments.

CS 122 Introduction to Networking (CompTIA Network+)

This course introduces networking fundamentals aligned with the CompTIA Network+ certification. Topics include network architecture, protocols, standards, the OSI model, IP addressing, and networking devices. Students develop foundational knowledge necessary to design, configure, and maintain local area networks.

CS 123 Fundamentals of Networking (CompTIA Network+)

This course continues preparation for the CompTIA Network+ certification, focusing on network security, operations, and troubleshooting. Students learn methods for securing networks, implementing disaster recovery strategies, and performing advanced network diagnostics.

CS 211 Advanced Networking

This course covers advanced networking concepts, including enterprise network design, wireless networking, performance optimization, and network security. Students explore complex network configurations and develop skills to optimize performance while maintaining secure network infrastructures.

CS 212 CompTIA Security+ Essentials: Cyber Threats and Vulnerabilities

This course prepares students for the first portion of the CompTIA Security+ certification. Topics include cybersecurity threats, attacks, vulnerabilities, and risk assessment techniques. Students gain experience using security tools and implementing basic mitigation strategies to protect information systems.

CS 213 Cybersecurity Design and Identity Management Essentials

This course focuses on cybersecurity architecture, secure system design, and identity and access management. Students learn principles of secure network design, cloud security fundamentals, and identity management solutions aligned with industry best practices and certification standards.

CS 221 Advanced Cybersecurity: Cryptography and Risk Management

This course introduces advanced cybersecurity concepts including cryptography, public key infrastructure (PKI), and risk management. Emphasis is placed on encryption techniques, key management, and strategies for assessing and mitigating cybersecurity risks in organizational environments.

CS 222 Cybersecurity Management and Strategy

This course examines the strategic and managerial aspects of cybersecurity. Topics include governance, compliance, policy development, incident response planning, and disaster recovery. Students learn how to manage cybersecurity operations and develop organizational security strategies.

CS 223 Capstone Project

This capstone course provides students with the opportunity to apply their cybersecurity knowledge and skills to a real-world project. Students work collaboratively to design, implement, and present a comprehensive cybersecurity solution, integrating technical, analytical, and professional competencies developed throughout the program.

ESL COURSES

ESL 101 Beginner

This course introduces Elementary English to learners in a real workplace setting. Class lessons include, but not limited to: demonstration of very short conversations, i.e. introducing oneself to others, basic grammar such as how to use be, simple questions and answers, Wh- questions, yes/no questions, subject pronouns, basic preposition, among others.

ESL 102 High Beginner

Learners understand more complicated grammar and longer expressions to a real workplace setting. At this module, students learn more words and idioms through practicing conversation, and learn about basic writing structure, how to compose real essays in English.

ESL 103 Intermediate

This module is related to the basic course, but students will learn more complex words, expressions and grammar in a real workplace setting. With the basic knowledge, they will be able to speak in English using the comparison of simple past vs. present perfect and future tense.

ESL 104 High Intermediate

This course provides continuous study from the intermediate level to a real workplace setting. Students will learn about passive, past continuous, and some adverbs variously used in sentences. The focus on this module is to fortify learning structures in practical English.

ESL 201 Advanced
Upon completion of this course, students will be better prepared in the four areas of competence: listening, speaking, reading and writing. Students will also become more familiar with idiomatic English in a real workplace setting.

ESL 202 High Advanced
This module focuses on improving students' ability to draw inferences from advanced English reading and listening passages to a real workplace setting. Students are asked to write short essays, stories, and poems in English and present them to the class.

ESL 203 Business English
This course prepares the learners to navigate in a real workplace setting. It will allow the learners to work more effectively in business and professional environments.

ESL 204 Academic English
The learners would be able to integrate skills acquired in the previous courses. This course is designed to prepare learners in their presentation skills in a real workplace setting Academic writing are also learned in this course.

PROGRAM CHART

Program	Credentials	Program Length	Academic Credits	Lab Fee	Books, Technology, and Library Fee	Tuition	Registration Fee	Tuition cost per credit	Total Fee**
Magnetic Resonance Imaging	Diploma	18 Months	66	0.00	$1,950	$34,000	$100	$515	$35,950
Radiologic Technologist	Diploma	18 Months	67.5	0.00	$1,950	$34,000	$100	$507	$35,950
Diagnostic Medical Sonographer (DMS)	Diploma	18 Months	66	0.00	$1,950	$34,000	$100	$515	$35,950
Echocardiography/ Noninvasive Cardiovascular Sonographer (NICVS)	Diploma	18 Months	62	0.00	$1,950	$34,000	$100	$548	$35,950
Vascular Sonography Technologist	Diploma	14 Months	54	0.00	$1,950	$29,000	$100	$537	$30,950
Surgical Technologist	Diploma	14 Months	62	0.00	$1,950	$24,000	$100	$387	$25,950
Medical Assisting with Phlebotomy Technician	Diploma	10 Months	35	0.00	$1,450	$16,500	$100	$471	$17,950
Practical nursing	Diploma	15 Months	63	$1,500	$2,740	$28,602	$100	$454	$32,842
Cyber security Professional	Diploma	12 Months	48	0.00	$1,950	$11,000	$100	$229	$12,950

** Total fees do not include registration fees.

ABOUT STELLAR CAREER COLLEGE

Since its founding, Stellar Career College has been committed to providing students with practical, career-focused education that prepares them for success in today's workforce. With a dedication to academic excellence, hands-on training, and student support, the College strives to create opportunities that empower graduates to achieve their professional goals.

COLLEGE FACILITIES

Stellar Career College – Chicago is located at 205 W. Randolph Street, Suite 200, Chicago, Illinois. The College maintains facilities in full compliance with state and accrediting body requirements to ensure a safe, effective, and supportive learning environment. Stellar Career College Chicago is the branch of the main campus located in Modesto, California.

Main Campus – Modesto, California 4300 Sisk Road, Modesto, CA 95356
Branch Campus – Chicago, Illinois 205 W. Randolph Street, Suite 200, Chicago, IL 60606

Branch Campus – Indiana - 5521 Lincoln Hwy, Crown Point, IN 46307
All campuses are accredited by the Accrediting Commission of Career Schools and Colleges (ACCSC) and operate in compliance with applicable state regulatory approvals.