



Diagnostic and Imaging Sciences



Carolinan College
of Health Sciences

Carolinas College by the numbers

Choosing a healthcare college isn't just about where you'll go. It's about who you'll become. Carolinas College of Health Sciences – part of Atrium Health – empowers big dreamers to unlock their true potential.

Data as of 2020

7:1

Student to
faculty ratio



96%

1st-time pass rate
for certification



92%

Job placement
within 6 months

87%

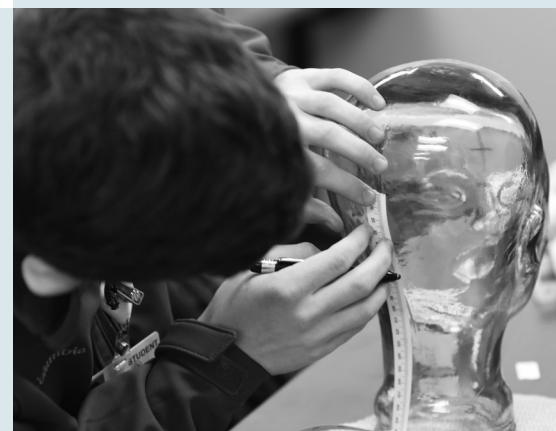
Job placement
within Atrium
Health

97%

Employers who
would hire another
Carolinas College
graduate

667

Total enrollment
in 2020





68%
Students who
receive financial aid

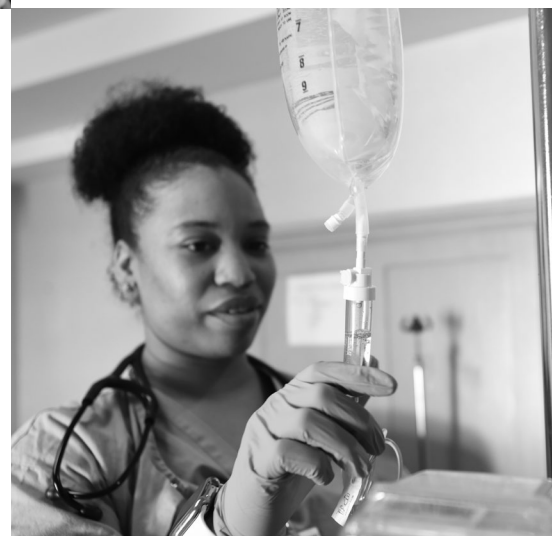
\$103,000
Total given in
scholarships

4.6%
Students who
default on federal
loans within 3 years

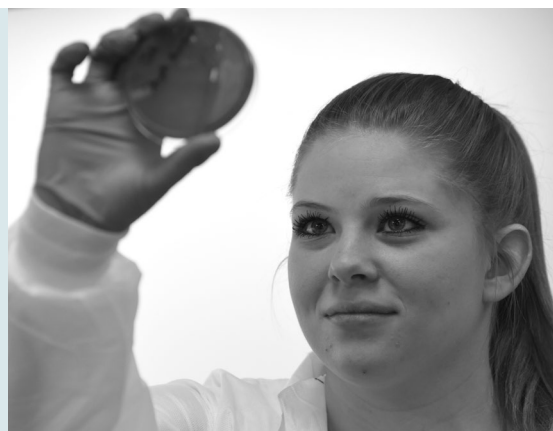


**Expert faculty
and supportive
small-school feel**

Campus located in
Charlotte, NC



**Being part of
Atrium Health
means hands-on
learning and potential
employment after
graduation**



**Education for
high-demand
careers including
X-ray technology,
lab sciences,
nursing and more**



Tuition and Fees

Tuition by Program

<p>\$394 per credit hour</p>	<p>Associate Degree Nursing General Studies Healthcare Simulation Medical Imaging Neurodiagnostic Technology Radiologic Technology RN-BSN</p>		<p>\$1,100</p>	<p>Nurse Aide</p>
	<p>Histotechnology Medical Laboratory Science Radiation Therapy</p>		<p>\$625</p>	<p>Phlebotomy</p>
	<p>\$9,772</p>		<p>\$2,800</p>	<p>Blood Bank Technology</p>

Fees

Activity Fee.....	\$30/semester
Application Fee.....	\$60
BIO 168 & BIO 169 Lab Fee.....	\$10
BIO 200 Lab Fee.....	\$50
Deposit/Background Check.....	\$200
Graduation Fee (fall and spring).....	\$200
Graduation Fee (summer).....	\$155
Learning Resource Fee:	
0-5 credit hours.....	\$175/semester
6+ credit hours.....	\$275/semester
Neurodiagnostic Course Fee.....	\$60

Nursing Lab Fee (all except NUR 100).....	\$120
NUR 110 (Skills Module Fee).....	\$127
NUR 110 (Sherpath Book Bundle).....	\$360
NUR 160 (Course Point Access).....	\$120
NUR 170 (Sherpath Book Bundle)....	\$161
Parking and Security.....	\$25/semester
RAD 110 Course Pack.....	\$35
RAD 110 Markers Fee.....	\$25
RAD 110 & RAD 212 Lab Fee.....	\$115
Radiation Therapy Lab Fee.....	\$80
Returned Check/NSF Fee.....	\$25



Certificate or Associate of Applied Science- Neurodiagnostic Technology

Our Neurodiagnostic Technology program teaches students to record electrical activity in the central nervous, autonomic and peripheral nervous systems used in the diagnosis and treatment of brain diseases. Instruction is provided in a hybrid format which includes online coursework and face-to-face clinical and laboratory experiences. Our program prepares graduates for entry-level clinical roles in Electroencephalography (EEG) and provides introductory concepts for Nerve Condition Studies (NCS), Evoked Potentials (EP), and Poly-somnography (PSG). A three-semester certificate program or five-semester associate of applied science degree is available.

Overview

- **Length:** 3 Semesters (Certificate), 5 Semesters (AAS)
- **Cost per credit hour** (Tuition Only): \$394 per credit hour
- **Aid Available:** Federal Aid Programs, Scholarships, Loan Forgiveness
- **TEAS Test** (SAT/ACT not required): Minimum TEAS Test Total Score: 58.7, TEAS Registration: Instructions provided at bottom of page
- **GPA:** 2.0 high school, 2.0 college cumulative
- **High School Pre-Reqs:** Algebra and Biology, High School Diploma or Equivalent

	Start	Deadline	# Admitted
Fall	August	June 15	10

Master Curriculum (credit hours)

1st Semester, Fall*	2nd Semester, Spring*	3rd Semester, Summer*
<ul style="list-style-type: none"> • BIO 130 - Introduction to Neuroscience (3) • NDT 101 - Fundamentals of Neurodiagnostic Technology (8) • NDT 102 - Neurodiagnostic Technology Clinical I (5) 	<ul style="list-style-type: none"> • NDT 151 - Applied Neurodiagnostic Technology (7) • NDT 152 - Neurodiagnostic Technology Clinical II (5) 	<ul style="list-style-type: none"> • NDT 201 - Advanced Neurodiagnostic Techniques (7) • NDT 202 - Neurodiagnostic Practicum I (4)
TOTAL* <ul style="list-style-type: none"> • Total General Studies Courses (3) • Total Degree Requirement Credits (36) • Curriculum Total (39) 	Additional Online Courses Required** <ul style="list-style-type: none"> • MAT 101 - College Math (3) • COM 101 - Communication (3) • ENG 101 - English Composition (3) • PSY 101 - General Psychology (3) • HUM 2XX - Humanities Elective (3) • ENG 240 - Research and Evaluation (3) • SOC 101 - Introduction to Sociology (3) 	TOTAL** <ul style="list-style-type: none"> • Total General Studies Courses (24) • Total Degree Requirement Credits (36) • Curriculum Total (60)

*Certificate Track

** Associate of Applied Science Degree

Register to take the TEAS: <https://www.atitesting.com/teas/teas-exam#registernow>



General Studies—Pre-Radiologic Technology Pathway (non-degree)

Students who are admitted into the Pre-Radiologic Technology pathway will receive a conditional acceptance into the Radiologic Technology program. The conditions consist of earning a GPA of 3.21 in the following four courses that are completed within two consecutive terms of starting the program at Carolinas College:

General Studies—Pre-Radiologic Technology Required Courses

- BIO 168 - Anatomy and Physiology I (4)
- BIO 169 - Anatomy and Physiology II (4)
- General Studies Course (at least 3 credit hours*)
- General Studies Course (at least 3 credit hours*)

**Unless combining BIO 200 (4 credits) and HLC 102 (2 credits)*

Overview

	Start	Deadline	#Admitted
Fall	August	December 1	10

- **Length:** 2 Semesters
- **Cost per credit hour** (Tuition Only): \$394 per credit hour
- **Aid Available:** Federal Aid Programs, Scholarships
- **GPA:** 2.5 high school, 2.5 college cumulative
- **ACT:** 19 (Comp.)
- **or SAT:** 900 (Critical Reading & Math Only)
- **High School Pre-Reqs:** Algebra, Biology, Chemistry (strongly recommended), High School Diploma or Equivalent

Other Recommended General Studies Courses

Students also have the opportunity to complete all other general studies courses included in the Radiologic Technology curriculum. Taking these courses will help alleviate the course load once in the Radiologic Technology program.

General Studies—Radiologic Technology Required Courses

- ENG 101 - English Composition (3)
- SOC 210 - Diversity and Inclusion (3)
- PHI 201 - Ethics (3)
- PSY 101 - General Psychology (3)
- MAT 101 - College Math (3)
- HLC 102 - Medical Terminology (2)

Total Degree Requirement Credits

- **General Studies Cores Courses for Radiology (25)**



Associate of Applied Science in Radiologic Technology

Our Associate of Applied Science, Radiologic Technology program teaches students to safely utilize X-rays to perform diagnostic imaging procedures using state-of-the-art equipment. Radiographers use professional and ethical judgment, and critical thinking when performing their duties. Typically, 100% of students pass the ARRT licensure exam on their first attempt, and more than 90% of students are employed in full-time positions. Most of them take positions with Atrium Health upon graduation. Graduates will enter a job market that's in high demand for radiographers!

Overview

	Start	Deadline	#Admitted
Fall	August	December 1 * <i>interview to follow</i>	18

- **Length:** 5 Semesters
- **Cost per credit hour** (Tuition Only): \$394 per credit hour
- **Aid Available:** Federal Aid Programs, Scholarships, Loan Forgiveness
- **SAT:** 900 (Critical Reading & Math Only)
- **or ACT:** 19 (Comp.)
- **GPA:** 2.5 high school, 2.5 college cumulative
- **High School Pre-Reqs:** Algebra, Biology and Chemistry, High School Diploma or Equivalent

Master Curriculum (credit hours)

Fall Semester <ul style="list-style-type: none"> • RAD 101 - Introduction to Patient Care (Fall 1 – 7-week course) (2) • RAD 110 - Applied Radiography I (4) • RAD 115 - Practicum Education I (Fall II – 7-week course) (1) • HLC 102 - Medical Terminology (2) • BIO 168 - Human Anatomy and Physiology I (4) • MAT 101 - College Math (3) 	Spring Semester <ul style="list-style-type: none"> • RAD 130 - Applied Radiography II (4) • RAD 135 - Practicum Education II (2) • RAD 140 - Radiation Physics (4) • BIO 169 - Human Anatomy and Physiology II (4) • ENG 101 - English (3) 	Summer Semester <ul style="list-style-type: none"> • RAD 150 - Applied Radiography III (3) • RAD 155 - Practicum Education III (3) • RAD 160 - Imaging I (2) • PSY 101 - General Psychology (3)
Fall Semester, 2nd Year <ul style="list-style-type: none"> • RAD 210 - Applied Radiography IV (3) • RAD 215 - Practicum Education IV (4) • RAD 220 - Imaging II (4) • PHI 201 - Ethics (3) 	Spring Semester, 2nd Year <ul style="list-style-type: none"> • RAD 230 - Applied Radiography V (3) • RAD 235 - Practicum Education V (4) • RAD 240 - Radiation Protection (4) • SOC 210 - Diversity and Inclusion (3) 	TOTAL <ul style="list-style-type: none"> • Radiologic Technology and Medical (47) • General Education Courses (23) • Special Topics Courses (2) • Total Semester Hours (72)



Certificate in Radiation Therapy

As a radiation therapy student, you will learn to utilize radiation to treat various forms of human disease, with an emphasis on cancer. You will become a vital member of the radiation oncology team and develop the skills needed to accurately deliver a prescribed course of treatment. This high-tech, high-touch profession provides an opportunity to deliver quality patient care while working with technologically sophisticated equipment. All didactic courses are taught at Carolinas College and the clinical education component is completed within several major cancer research facilities and freestanding clinics in North and South Carolina, including Levine Cancer Institute (the flagship cancer care facility of Atrium Health). While attending this 3-semester certificate program, you will build upon the knowledge gained from your medical imaging education and train alongside some of the best oncologists, physicists and treatment professionals in the field of radiation therapy.

Overview

	Start	Deadline	# Admitted
Fall	August	December 1 <i>*Interviews to follow</i> <i>*Observation and form completion needed prior</i>	10

- **Length:** 3 semesters
- **Cost (Tuition Only):** \$9,772
- **Aid Available:** Federal Aid Programs, Scholarships, Loan Forgiveness
- **SAT/ACT:** Not required
- **Minimum GPA Required:** 2.5 College Cumulative
- **High School Pre-reqs:** Not required
- **References:** 3 reference forms from employer, advisor, or professor
- **College Pre-reqs:** Algebra or higher, hold an associate degree and completion of an accredited Rad Tech or nuclear medicine program.

Master Curriculum (credit hours)

First Semester, Fall	Second Semester, Spring	Third Semester, Summer
<ul style="list-style-type: none"> • Introduction to Radiation Therapy Procedures (3) • Oncology Nursing and Patient Care (3) • Oncology I (3) • Radiation Therapy Physics (4) • Radiation Therapy Practicum I (4) 	<ul style="list-style-type: none"> • Quality Management (2) • Oncology II (3) • Dosimetry (4) • Radiation Biology & Health Physics (3) • Radiation Therapy Practicum II (4) 	<ul style="list-style-type: none"> • Oncology Decisions (3) • Treatment Planning (3) • Research (1) • Radiation Therapy Seminar (3) • Radiation Therapy Practicum III (3)
TOTAL		
<ul style="list-style-type: none"> • Radiation Therapy Applied Courses (46) 		



Bachelor of Science in Medical Imaging

If you're an imaging professional looking to advance your education and move up in your career, our BSMI program is the perfect opportunity. The program is designed for the working imaging professional – you'll have flexibility by taking most of your courses online while still having an important hands-on clinical education in world-class healthcare facilities. Along with your imaging courses, you'll also take courses in leadership, healthcare policy and ethics, making for an incredibly well-rounded learning experience. The degree consists of 44 credits awarded for current certification (one modality), 46 hours of 100-200 level general education credits, and 30 hours of 300-400 level major course credits. Six of the major course credits will be initially offered as a clinical option. Students will be advised to schedule clinical option courses at the end of their program of study. Students must complete 40 of the 46 required 100-200 level general education credits prior to enrollment in 300-400 level degree courses. All students must complete a minimum of 30 credit hours at Carolinas College to meet degree requirements. Coursework completed at other institutions may be eligible for transfer credit.

Overview

- **Length:** As few as 12-18 months
- **Cost per credit hour** (Tuition Only): \$394
- **Aid Available:** Federal Aid Programs, Scholarships
- **GPA:** 2.5 Cumulative College
- **Licensure:** ARRT, ARDMS, NMTCB or equivalent
- **High School Pre-Reqs:** N/A

	Start	Deadline	# Admitted
Fall	August	June 1	10

Master Curriculum (credit hours)

Gen Ed. (100 Level) | 31

- COM 101 - Communications (3)
- ENG 101 - English Composition (3)
- PSY 101 - General Psychology (3)
- SOC 101 - Sociology (3)
- MAT 101 - College Math (3)
- PHY 151 - Physics I (4)
- PHY 152 - Physics II (4)
- BIO 168 - Anatomy and Physiology I (4)
- BIO 169 - Anatomy and Physiology II (4)

Gen Ed. (200 Level) | 15

- MAT 201 - Statistics (3)
- ENG 240 - Research and Evaluation (3)
- *SOC/PSY (L-200) - Social Science Elective (3)
- *HUM I (L-200) - Humanities Elective I (3)
- *HUM II (L-200) - Humanities Elective II (3)

Upper Level Major | 21

- CSA 310 - Cross-Sectional Anatomy (3)
- HLC 320 - Legal and Ethical Issues in Healthcare (3)
- HLC 330 - Interprofessional Collaboration / Problem Solving (3)
- HLC 350 - Healthcare Informatics (3)
- HLC 420 - Transformational Leadership and Management (3)
- HLC 430 - Healthcare Policy and Regulation (3)
- RMI 440 - Research / Evidence Based Practice (3)

Elective Options | 9

- CTT 101 - Computed Tomography I (3)
- CTT 102 - Computed Tomography II (3) Or
- MAM 101 - Mammography I (3)
- MAM 102 - Mammography II (3) And
- RMI 450 - Capstone Project (**pre/co-requisite RMI 440**) (3)

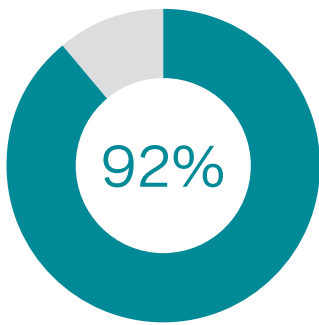
*SOC/PSY (Level 200) – May include equitable courses from Psychology, Sociology, Leadership, Economics Political Science, or Anthropology

*HUM I & HUM II (Level 200) – May include equitable courses from History, Literature, Humanities, Arts, Philosophy, or Religion

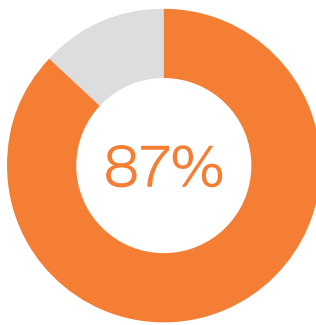


Discover the benefits of a Carolinas College education

Our partnership with Atrium Health means you'll get a clinical education within Atrium Health – one of the nation's most innovative healthcare organizations. Many of our graduates step right into rewarding and stable careers within Atrium Health the moment they graduate. At Carolinas College, discover your true potential both in the classroom and throughout your career.



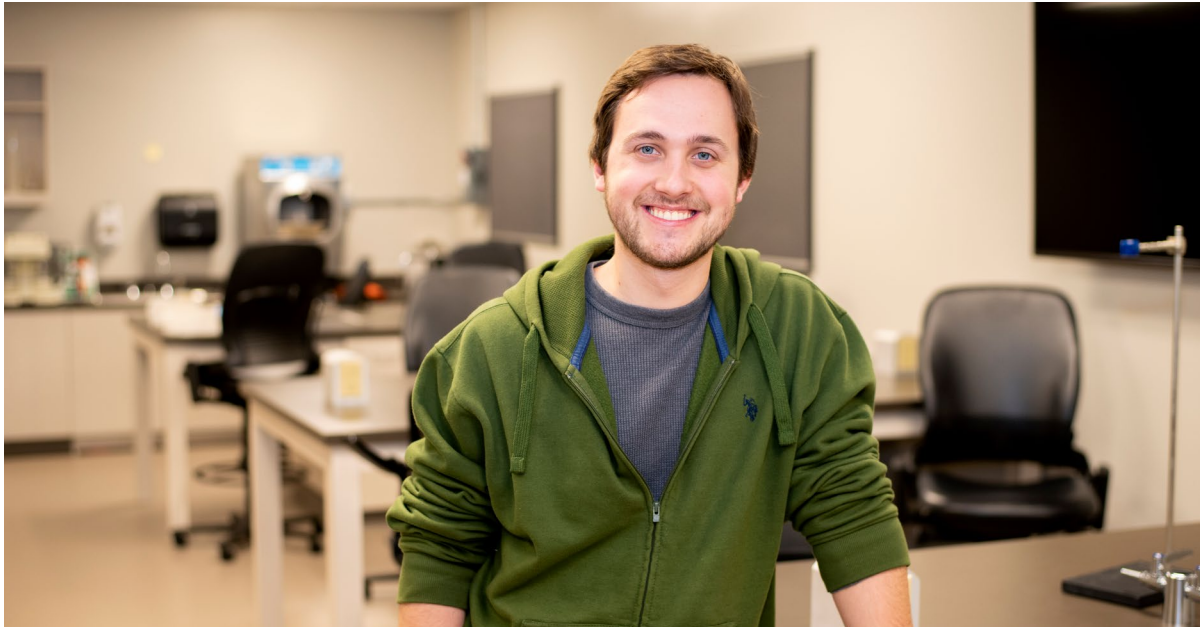
92% of our graduates find a job in their field within 6 months of graduating



87% of those get jobs within Atrium Health

Loan Forgiveness from Atrium Health

Many of our programs offer loan forgiveness options, so graduates who step into roles at Atrium Health may receive financial assistance to help with their student loans.



Chris Nowak, *Neurodiagnostic Technology Student*

After getting his bachelor's degree in 2018, Chris Nowak found himself in a career that he just wasn't passionate about. He would often think about other career paths to pursue, and it was during this time that Chris' grandfather went to the doctor for an EEG test – a test used to find problems related to electrical activity of the brain. The experience sparked an “ah-ha” moment for Chris, and he soon fell in love with the idea of helping to diagnose patients with brain-related issues.

“I knew it would be the right fit for me,” Chris says. “From there, I found the Carolinas College Neurodiagnostic Technology (NDT) program, and I met and spoke with some of the wonderful staff. The rest is history.”

Chris was part of the program's inaugural class that began in January 2020.

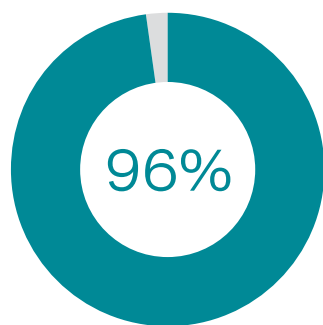
“My favorite parts so far are all the hands-on experience I have gained from this course and the friends I have made,” he says. “It's been difficult at times, but my dad always told me, ‘Nothing good comes easy.’”

After finishing the program, Chris plans to work in a hospital, become certified and learn all he can about his new field.

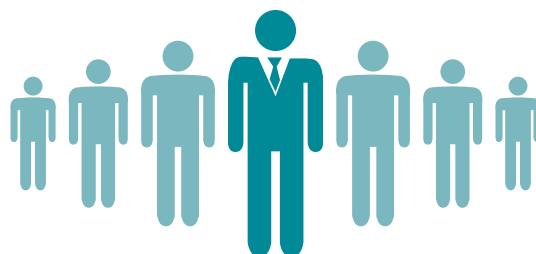
“Of course, I also plan to be of service to those who need an EEG test as well,” Chris adds. “As it's always about the patients.”

Connections that set you up for success

At Carolinas College, each program is designed to expand minds and open possibilities. Our small school feel and one-on-one faculty support give students access to world-class hospital opportunities at Atrium Health, enabling graduates to consistently achieve licensure and certifications pass rates well above state and national norms. Keep aiming high - we'll help you get there.



96% of our students pass their licensure or certification exams on the 1st attempt



7:1 average student to faculty ratio



Brett Holida, Carolinas College Alumnus

As a Carolinas College student, Brett Holida loved the small class sizes, which allowed him to develop a beneficial relationship with his instructor and fellow classmates.

“That’s really hard to do in a larger college setting,” he says. After graduation, Brett stepped right into a full-time role as a histotechnologist at Atrium Health’s Carolinas Medical Center. “My instructor, Tracy, really prepared us to be healthcare professionals,” he says. “Everything she gave us from day one was valuable for our career.”



Campus life

Convenient Location

The Carolinas College campus is located in the Water Ridge Office Park off Tyvola Road in Charlotte with easy access to I-85, I-485 and I-77.

Student Organizations

From the Student Nurses Association to the Student Leadership Council, you'll find many paths to create meaningful connections, while also making an impact across campus and beyond.

Learning Environments

The new home of Carolinas College includes plenty of both group and individual study spaces, a large student lounge, modern classrooms and labs that enhance learning.

Learning Technology

Students benefit from a modern learning environment, including interactive classrooms, computerized testing, iPads and many others.

Campus Activities

From our holiday lunches to Spirit Day and many more events, our Carolinas College family comes together often to celebrate accomplishments and just enjoy spending time with each other.

Student Housing

Housing opportunities for students are available through Atrium Health properties that are located close to one of our primary clinical/laboratory sites.





“One of the best parts is the family-feel and the small classes. You can truly tell that the teachers want us students to succeed and care about our well-being outside the program.”

– Caroline Johnson, BSN alumna

“What brought me to Carolinas College was the warm and friendly environment, the awesome instructors and impressive statistics.”

– Ehsan Khodapasand, MLS alumni



“I learned so much in clinical settings that other schools don’t even have access to, and the teachers are fully devoted to their students. It’s an experience that I will never regret.”

– Kiara Johnson, ADN alumna



“The community that this college has built between the professors and the therapists who work with students is built for you to strive, achieve and be the best therapist you can be.”

**– Madeline Phillips,
Radiation Therapy alumna**



“My favorite parts are all the hands-on experience I have gained from this course and the friends I have made. It’s been difficult at times, but my dad always told me that ‘nothing good comes easy.’”

– Chris Nowak, NDT student

“I found this course to be the perfect blend between the structure I need, while also being a flexible online learning environment. We covered a ton of material in a year, and I was well prepared for the SBB exam. I passed on my first try!”

– Megan Benbow, SBBT alumna



To learn more about Carolinas College of Health Sciences,
visit our website at **CarolinasCollege.edu**.

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704-355-5051



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