

CENTURY COLLEGE

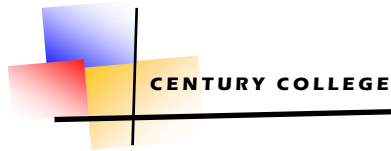
RADIOLOGIC TECHNOLOGY

*Associate in Applied Science Degree
Information and Application Brochure*



2009-2010

- Application deadline is January 15, 2010 for students anticipating enrollment Fall 2010.



RADIOLOGIC TECHNOLOGY

Thank you for your interest in Century College's Radiologic Technology Program. The College is accredited by the North Central Association of Colleges and Secondary Schools. The radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago IL 60606-2901. Phone (312) 704-5300, e-mail address mail@jrcert.org

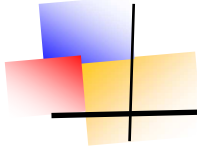
RADIOLOGIC TECHNOLOGY PROGRAM INFORMATION:

The Radiologic Technology Program begins once a year in the Fall semester. The radiography curriculum is two (24 continuous months) years in length and graduates are awarded an Associate in Applied Science Degree. In addition to blended online and classroom instruction, students will participate in supervised clinical experiences at Region's Hospital, HealthEast—St. Joseph's, HealthEast—St. John's Hospitals, United Hospital, Unity Hospital, Mercy Hospital, Fairview Lakes Regional Medical Center, Lakeview Hospital, Children's Hospital-St. Paul, Allina Clinic—Woodbury, Summit Orthopedics, and HealthPartners Speciality Clinic., HealthEast –Woodwinds Health Care Campus .

The Associate in Applied Science Degree may be completed in two or more years. The majority of the RT students complete their education in three years. The first year of college involves completing the general education component of the curriculum. The last two years are used to complete the sequenced radiology courses. The length of the program is determined by the time the student takes to complete the general education component. General education courses may be taken prior, during or after the Radiologic Technology sequence. All degree coursework must be completed before the graduate will be eligible to write the national certification examination. **Students receiving financial aid should note credit loads each semester.**

If you are interested in learning more about Century College or on-line course schedules refer to the college website: www.century.edu

Please direct questions about the Radiologic Technology Program to Diane Fleury-Evans, Director at (651)779-3334 or www.diane.fleury@century.edu



PROGRAM MISSION

The purpose of the Program is to prepare clinically competent, entry-level technologists capable of practicing independent judgment in performing radiographic procedures that meet community and healthcare industry standards.

RADIOGRAPHY AS A CAREER:

The radiographer assists the radiologist in the diagnosis of illness, injury, or disease. As a part of the medical team the radiographer is involved in patient-care emergencies, traditional radiographic and fluoroscopic examinations. The radiographer obtains a radiographic image by instructing and positioning the patient, manipulating the x-ray and computer equipment, setting radiation exposure factors, providing proper radiation protection for the patient and self, processing the radiographic image and evaluating the quality of the finished image.

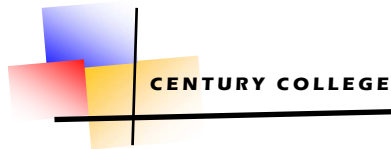
RADIOLOGIC TECHNOLOGIST ATTRIBUTES:

Radiologic Technologists need to be willing to work with sick and disabled people. Students in the Radiologic Technology Program must display professional behaviors when dealing with patients, staff and physicians. Students of the program would benefit from having a strong background in math, science, and basic computer applications.

The radiography profession involves the transporting of patients, moving mobile x-ray machines, carrying multiple x-ray image receptors and other physical activities. Students are required to have a health physical examination and should exhibit good physical stamina and mental health.

EMPLOYMENT OPPORTUNITIES:

Graduates will find employment opportunities in hospitals, clinics, and other health care facilities as well as in private industry. Currently the job market for registered radiographers in the Twin Cities area reflects a tighter job market than previous years. With major changes occurring in the health care industry it is difficult to predict the availability of job openings for the class of 2012. The College does not guarantee job placement; however, the College and RT program will provide information about job-seeking skills.



ADVANCED EDUCATION:

Upon completion of the program graduates may choose additional formal / informal education to specialize in nuclear medicine, radiation therapy, ultrasound, computed tomography, magnetic resonance imaging, mammography or other imaging modalities. Additional education and experience may also prepare the technologist for positions in administration, education or sales. The program faculty will provide information about these advanced programs. The College has an articulation agreement with **Metropolitan State University** in St. Paul, Minnesota regarding obtaining a Bachelor's Degree. Please contact Diane Fleury-Evans for more information.

ARRT NATIONAL CERTIFICATION:

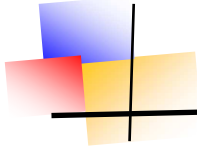
Graduates of this program are eligible to write the national certification examination administered by the American Registry of Radiologic Technologists. The class of 2008 had a 98% pass rate on the national certification examination.

CRIMINAL BACKGROUND CHECK:

Minnesota law requires any individual having contact with patients to complete a criminal background check prior to starting the clinical experience. An individual may be disqualified from having patient contact and would not be permitted to participate in the clinical experiences. Students who do not pass the criminal background check must withdraw from the Radiologic Technology Program. Students will complete the criminal background check during Fall semester 2010.

PREVIOUS CONVICTIONS:

Individuals having previous convictions involving moral turpitude may be denied eligibility to write the national certification examination. The College recommends that you contact the American Registry of Radiologic Technologist (ARRT) at (651) 687-0048 for individual consultation before enrolling in the program.



HEALTH HISTORY / PHYSICAL / CPR:

1. Students are required to have a physical with documentation of standard immunizations prior to the beginning of Fall semester. A Physical Exam Form will be provided during the RT Program's orientation meeting.
2. Certification in CPR such as the American Heart Association's *Basic Life Support for the Health Care Provider* or the Red Cross's *CPR for the Professional Rescuer* is required by Nov. 15, 2010. Your CPR certification **must be valid from Aug 2010–Aug 2012.**

*Century College offers this course (EMS 1010), as do many other colleges, hospitals, local school districts, and nonprofit organizations. **If you have a current CPR certification you must re-certify so that you are certified through August 2012.***

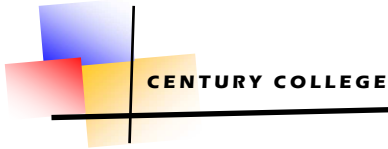
3. Pregnancy– Students contemplating a pregnancy while enrolled in the RT Program may contact Diane Fleury-Evans to obtain the program's pregnancy policy.

CLINICAL EXPERIENCE:

In addition to completing the numerous classroom requirements, students spend a considerable amount of time completing their clinical experience at various hospitals and clinics. The number of clinical hours varies from 18-27 hours per week. Clinical hours vary from semester to semester and depend on the student's specific clinical rotation assignment. Students will be provided a clinical schedule prior to the start of each semester. Clinical hours typically start at 7:00-7:30 a.m. During each semester students are required to complete some clinical rotations during the evening and weekend hours.

Due to the availability of teaching staff, occasionally a course may be offered in the late afternoon / evening.

All Radiologic Technology classes are either partially or completely taught online via the College's learning management system, Desire to Learn (D2L). Students are required to have access to the Internet, access to the Internet is available on campus. Also it is the students responsibility to ensure their off-campus computer meets the requirements of D2L. If not able to access D2L off campus then the student must use the College's technology center computers. Please visit the Century College website online learning for more information.



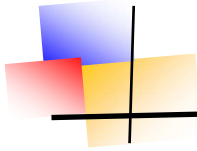
APPROXIMATE PROGRAM COSTS:

1. Minimum of 20 General Education credits; 58 Radiologic Technology credits. Tuition based on Spring 2009 rates and may increase in Fall 2010.
 - A. Tuition:\$152.16 /credit
2. Textbooks:
 - A. Radiology\$900.00
 - B. General EducationVariable
3. Image ID Markers\$ 20.00
4. RT Name Tag.....\$ 13.00
5. Uniform/Shoes.....\$300.00
6. Registry Review software.....\$ 80.00
7. ARRT Exam (certification).....\$150.00
8. Liability Insurance (9.75/year).....\$ 19.50
9. Dosimetry Badge / Reports.....\$ 30.00
10. Personal Health Insurance.....Variable
(Available through College)



RADIOLOGIC TECHNOLOGY COURSES—FIRST YEAR

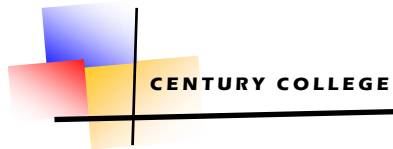
<u>FALL</u>		CREDITS
RadT 1020	Fundamentals of Radiography	3
RadT 1031	Anatomy and Positioning I	5
	TOTAL	8
<u>SPRING</u>		
RadT 1032	Anatomy and Positioning II	3
RadT 1040	Radiographic Exposure Factors	3
RadT 1781	Clinical Radiography I	6
	TOTAL	12
<u>SUMMER</u>		
RadT 2000	Radiation Biology /Protection	1
RadT 1782	Clinical Radiography II	6
	TOTAL	7



RADIOLOGIC TECHNOLOGY COURSES
SECOND YEAR

<u>FALL</u>		CREDITS
RadT 2020	Introduction to Sectional Anatomy	2
RadT 2030	Radiation Physics & Quality Control	2
RadT 2783	Clinical Radiography III	8
RadT 2095	Introduction to Mammography (Elective)	1
TOTAL		12/13
<u>SPRING</u>		
RadT 2010	Imaging Pathology	1
RadT 2090	Topics in Radiography	1
RadT 2100	Introduction to Computed Tomography	1
RadT 2784	Clinical Radiography IV	8
TOTAL		11
<u>SUMMER</u>		
RadT 2060	Radiography Seminar	2
RadT 2785	Clinical Radiography V	6
TOTAL		8

Students may take other general education courses at any time to meet their graduation requirements. Students **must receive a "C" or better** in any Radiologic Technology course to continue in the RT Program. The faculty reserves the right to change the curriculum at any time.



RADIOLOGIC TECHNOLOGY

Associate in Applied Science Degree

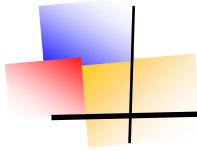
Total number of credits: 78

CAREER/OCCUPATIONAL REQUIREMENTS: 58 CREDITS

RADT 1020	Fundamentals of Radiography	3
RADT 1031	Anatomy and Positioning I	5
RADT 1032	Anatomy and Positioning II	3
RADT 1040	Radiographic Exposure Factors	3
RADT 1781	Clinical Radiography I	6
RADT 1782	Clinical Radiography II	8
RADT 2000	Radiation Biology / Protection	1
RADT 2010	Imaging Pathology	1
RADT 2020	Introduction to Sectional Anatomy	2
RADT 2030	Radiation Physics & Quality Control	2
RADT 2060	Radiography Seminar	2
RADT 2090	Topics in Radiography	1
RADT 2100	Introduction to Computed Tomography	1
RADT 2783	Clinical Radiography III	8
RADT 2784	Clinical Radiography IV	8
RADT 2785	Clinical Radiography V	6

ELECTIVE COURSES :

RADT 2095	Introduction to Mammography	1
RADT 1051	Bone Densitometry I	1
RADT 1052	Bone Densitometry II	1



GENERAL EDUCATION / MnTC REQUIRMENTS: 20 CREDITS

See McSCU course list for options:

Goal 1— Communication 7 Credits

English 1021 Composition I (required) 4 Credits

Select one of the following required Communication courses: 3 Credits

- Comm 1021 Fundamentals of Public speaking
- Comm 1031 Interpersonal Communication
- Comm 1041 Small Group Communication
- Comm 1051 Intercultural Communication

Goal 2—Critical Thinking is automatically fulfilled when all other MnTC goals are complete

Goal 3 and/or Goal 4 Sciences/ Math/ Logical Reasoning 3 Credits

Goal 5—History/Social and Behavioral Science 3 Credits

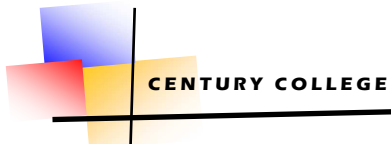
Goal 6—Humanities and Fine Arts 3 Credits

Goal 7-10 Refer to College Catalog 3 Credits
(Automatically filled if communication course completed at Century College)

*Radiologic Technology (RT) Program
2009-2010 Application Process*



Associate in Applied Science Degree
RT Admissions
Century College
3300 Century Ave. N.
White Bear Lake, MN 55110
(651) 779-3910
www.admissions@century.edu



APPLICATION PROCESS

For Students Seeking Admission to the Fall 2010 Program

Qualified Applicants must have a High School Diploma or GED, a minimum grade point average of 2.5 or better, Reading and English Assessment test, Algebra Assessment test with a score above Math 30, Biology 1020 (4 credits), and Physics 1020 (4 credits) with a "C" or better. Applicants who meet the general admission requirements will be ranked and selected using a point system which includes the following:

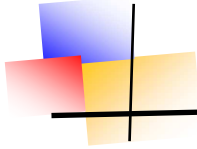
Bachelors of Science Degree in Math or Science with a GPA of 2.50 or higher

Minimum of 2.75 GPA on at least 15 of the 20 MnTC/general education credits.

12 or more MnTC credits from Century College with a GPA of 2.75 or higher.

Grade of "B" or better on each required science course.

Awarded alternate status the previous year.



**All admission requirements must be met before the January 15th application deadline:
ADMISSION REQUIREMENTS:**

Admission based on High School Criteria:

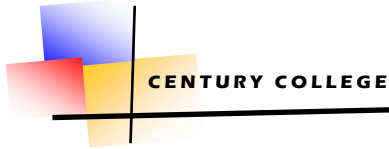
Students are strongly encouraged to enroll and complete their Minnesota General Education Transfer Curriculum (MnTC) course prior to the start of their RT courses and may need to take additional math/science courses to meet graduation requirements.

1. High school graduation within previous two years
2. Graduate of an accredited high school with a minimum high school percentile rank of 50.
3. One of the following standardized test scores:
 - a. ACT composite standard score of 21 or greater
 - b. PSAT Verbal Minnesota score of 42 or greater / or a verbal + math score of 89 or greater.
 - c. SAT verbal score of 420 or a verbal /math combined score of 900 or greater.
4. One year of high school biology with a grade of "B" or better *
5. One year of high school physics with a grade of "B" or better*
6. **Basic Skills requirement:** Reading / English / and Math assessment test scores at college level.
7. Complete required developmental /remedial courses as indicated by the RT program deadline.

Per College policy if developmental coursework is completed at another institution, assessments must be retaken to demonstrate proficiency.

8. Foreign/International applicants are required to take English/Math/Reading assessments with no exceptions. Foreign transcripts must be evaluated by World Education Service (W.E.S.) info@wes.org or (212)966-6311.
9. Previous assessment test scores remain current for meeting the Radiology program admission criteria. If previous placement does not meet application requirements, applicant should retest. Practice test questions for the assessment test are on-line at www.century.edu under assessment.

Currently enrolled high school students may submit their application if these courses are in progress. Documentation of satisfactory completion is required prior to admission.



Admission based on Previous college coursework: Applies to applicants who have attended college previously / graduated from high school more than two years ago / and G.E.D. recipients.

1. **Credit and GPA Requirement:** Applicant must have completed a minimum of 15 semester college level credits from Century's Minnesota General Education Transfer Curriculum (MnTC) course list, or transfer courses evaluated as MnTC, with a cumulative grade point average in all MnTC credits of a 2.50 (B-) or greater. See the college catalog, the Century website, or the Counseling Center for the list of eligible courses. Other types of credits including but not limited to, occupational curriculum, career development, English Speakers of Other Languages (ESOL), reading study skills, pass/fail, computer skills, and physical education **will not** be calculated in the GPA. The grade-point average requirement also applies to all course work taken after application up to the start of the Radiologic Technology Program. A minimum of a C grade is required in every science course required for the Associate of Applied Science Degree in Radiologic Technology.

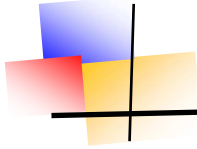
Students who do not have a cumulative GPA requirement of 2.50 may petition for admission consideration based on applicable MnTC courses taken within the past three years. All applicable college courses taken in the past three years **will** be included in the calculation of the cumulative GPA. Completion of credits and submission of petition must be completed by the Radiologic Technology Program application deadline.

2. **Science Requirement:** Completion with a grade of "C" or better of both a 4 (or more) semester credit college level general biology (Century College Biol 1020) or transfer equivalent and a 4 (or more) semester credit college level general physics (Century College Phys 1020) or transfer equivalent. Transfer equivalents must include a laboratory section.

3. **Basic Skills Requirement:** Reading comprehension and writing English Assessment test scores at college level. Math computation assessment test score above elementary algebra.

- a. Complete required developmental/remedial courses as indicated by the RT program application deadline. **Per college policy if developmental course work is completed at another institution, assessments must be retaken to demonstrate proficiency.** Previous assessment test scores remain current for meeting the Radiology program admission criteria.

If previous placement does not meet the application requirements, applicant should retest. Practice test questions for the assessment tests can be viewed on-line at **www.century.edu under assessment.**

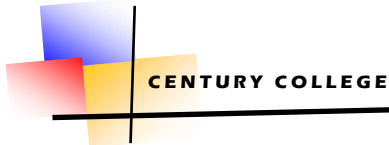


4. Students with a Baccalaureate Degree from a United States education institution will be exempt from the Reading and English assessment tests.
5. Take the elementary algebra assessment test and place above Math 30 or take Math 30 with a "C" or better or have previous college algebra (equal to Century College's Math 1061) with a grade of "C" or better.
6. Foreign / International applicants are required to take the English, Math and Reading assessment with no exceptions.
7. Foreign transcripts must be evaluated by World Education Service (W.E.S.) info@wes.org or (212) 966-6311.
8. All Century students must have completed English 1021 with a grade of "C" or better to qualify for graduation.
9. **ALL vocational/college/university official transcripts from institutions other than Century College** must be sent to Century. College Admissions. High School transcripts are also required if applicant graduated within the last 5 years. Transcript evaluations verifying credits meeting MnTC and program requirements will be available at New Student Orientation (registration) SOAR if time permits.
10. It is **strongly suggested** that applicants attend an RT information meeting.

All requirements must be met prior to the Radiologic Technology application deadline. No exceptions will be considered

APPLICATION STEPS:

- A. Submit a Century College Radiologic Technology Program Application to the **Century College Admissions Office**. Please do not send to the Radiologic Technology Program Director. If you have not previously applied to the College you must submit a Century College General Admission Application with a \$20.00 application fee, and the Radiologic Technology Program Application form. **The Radiologic Technology Program Application form does not admit you to Century College.**
- B. When the Admissions Office has received all documents (application, assessment results, and transcripts), your file will be evaluated for admission consideration based upon the criteria on page 13. You will then receive a letter indicating your status approximately two months after the application deadline. deadline.



SELECTION NOTIFICATION:

1. All applicants are reviewed, evaluated, and ranked based on overall academics, grades in specific course and additional criteria, if necessary.
 - a. Applicants who are qualified but not admitted are placed on a waiting list based on their ranking.
 - b. Applicants not admitted and placed on the waiting list must reapply to the Radiologic Technology Admissions Office to be considered for the next Application deadline.
2. Students selected in the Radiologic Technology Program must return the following to the College **within two weeks** of receiving an acceptance letter.
 - a. Signed Acceptance Form
 - b. A one hundred (\$100.00) non-refundable deposit payable to Century College. This deposit will be credited toward the first semester tuition.

Upon acceptance to the Radiologic Technology Program, all students will be **required** to attend an orientation meeting during May 2010. You will receive written notice of this orientation meeting, and registration for fall classes will take place during this meeting. **Failure to attend this orientation meeting will result in a student losing his/her admission to the Radiologic Technology Program.**

- 3 Applicants not accepted in the Radiologic Technology Program due to a full class may be identified as an RT alternate and/or reapply for admission into the Radiologic Technology Program for the next year.

Students reapplying for admission are responsible for obtaining any new admission information and meeting program admission requirements.

4. Applicants not accepted in the Radiologic Technology Program due to GPA or insufficient coursework are encouraged to fulfill the requirements and reapply for the Radiologic Technology Program. It is strongly recommended that applicants meet with a counselor to review their status and program requirements.

Radiologic Technology Application Form -- 2010

Please submit this application to the Admissions Office.

If you have **NOT** previously attended Century College, please complete and submit the Century College application with the \$20 application fee. The \$20 application fee is only required for NEW Century College students.

This application is not a substitute for the Century College application.

***** APPLICATION DEADLINE: JANUARY 15, 2010 *****

APPLICATIONS MAY BE SUBMITTED AT ANY TIME. PLAN AHEAD. APPLICATION AND ALL SUPPORTING DOCUMENTATION MUST BE RECEIVED PRIOR TO THE DEADLINE.

Name (Last, First, Middle Maiden)	Social Security Number	Previous Year Alt #	
Permanent Address	City	State	Zip Code
E-mail Address	Home Phone ()	Mobile Phone ()	

Have you ever attended any college? Yes No. If yes, please contact each college and request that an official transcript be sent directly to the Records Office at Century College. All transcripts must be received before the January 15 deadline.

Educational Record: Names of secondary schools, colleges and technical schools attended:

High Schools or GED *	State	Town or City	Dates		Degree or diploma received
			From	To	

Please have an **official** high school transcript send directly to **Admissions** at Century College if graduated in past 3 years.

Colleges, technical or other post secondary schools	State	Town or City	Dates		Certificate, degree or diploma received
			From	To	

Please request **official** transcripts from each institution attended to be sent to the Records Office at Century College.

Employment Record: List your employment and/or volunteer record indicating most recent employment first.

Employer or Organization	Nature of work	Dates of employment	
		From	To

RADIOLOGIC TECHNOLOGY PROGRAM APPLICANT CHECKLIST

Please complete the following checklist. All items under the "Application Requirements" must be completed prior to the January 15 application deadline or your application will be denied.

PLAN AHEAD. ALL DOCUMENTATION MUST BE RECEIVED BEFORE THE JANUARY 15 DEADLINE

APPLICATION REQUIREMENTS: All items must be completed and documented before January 15. All courses completed or in progress must be reflected on official transcripts.

YES NO

____ ____ **Have you ever attended Century College? If no:**

Have you submitted the required Century College Application with the \$20 application fee?

____ ____ *(Note: a college application must be on file before your Radiologic Technology application can be processed. The Radiologic Technology application is not a substitute for the Century College Application form.)*

____ ____ **Have you taken the Century College assessment test for placement in Reading, Writing and Elementary Algebra?** (Exemption to the Reading and Writing assessment will be given for a Bachelor Degree completed at a US institution.

Coursework equivalent to ENGL 1021 will waive the Writing assessment and a Reading course equivalent to RDNG 1000 will waive the Reading assessment. Math coursework equivalent to Math 1061 or higher will waive the Elementary Algebra assessment. Courses must be completed with a grade of C or better.)

____ ____ **Will you have completed all developmental coursework indicated by assessments before the January 15 application deadline? If NO, please do not submit this application at this time.** *(Please note: Per our Assessment Department, if developmental courses are taken at another institution, you must retest after course completion and meet the minimum requirements.)*

____ ____ **Have you requested official transcripts from ALL post-secondary institutions attended?** Transcripts must be current with grades posted for all terms completed prior to the deadline and must be received in a sealed envelope from the originating institution. Transcripts must be received prior to January 15.

____ ____ **Will you have completed a minimum of 15 credits of college-level MnTC coursework before the application deadline? If NO, please do not submit this application at this time.**

____ ____ **Will you have completed the prerequisite general biology/lab course or transfer equivalent to Century's BIOL 1020 before the January 15 application deadline? If NO, please do not submit this application at this time.**

____ ____ **Will you have completed the prerequisite general physics/lab course or transfer equivalent to Century's PHYS 1020 before the January 15 application deadline? If NO, please do not submit this application at this time.**

____ ____ **Will you have completed the prerequisite elementary algebra course (Math 0030) if indicated by assessment before the January 15 application deadline? If NO, please do not submit this application at this time.**

It is strongly recommended you meet with a counselor to discuss your general education credits to ensure you are on track with the liberal arts requirements.

Applicant Signature

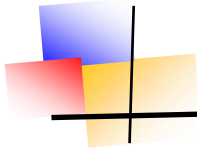
I hereby certify that the information provided on this application form and in all other admission application materials is complete, accurate, and true to the best of my knowledge. I understand that there may be more qualified applicants than available space in the class and that completion of application requirements does not guarantee acceptance into the program..

Signature _____

Date _____

Admission is granted without regard to race, creed, color, sex, age, national origin or handicap. This institution abides by the provisions of Title IX, federal legislation forbidding discrimination on the basis of sex and by all other federal laws regarding equal opportunity.

Note: Federal and state legislation requires that the contents of student files be open to review by the student. Application forms, high school transcripts, test date, letters, and recommendations that are sent as part of any application for admission will be open to the student's review upon request.



Century College is an equal opportunity institution, and a member of the Minnesota State Colleges and Universities system. This brochure is available in alternative format. Call the Access Center at (651) 779-3354 or (651) 773-1715(TTY).



3300 Century Ave. N.
White Bear Lake, MN 55110

Radiologic Technology
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