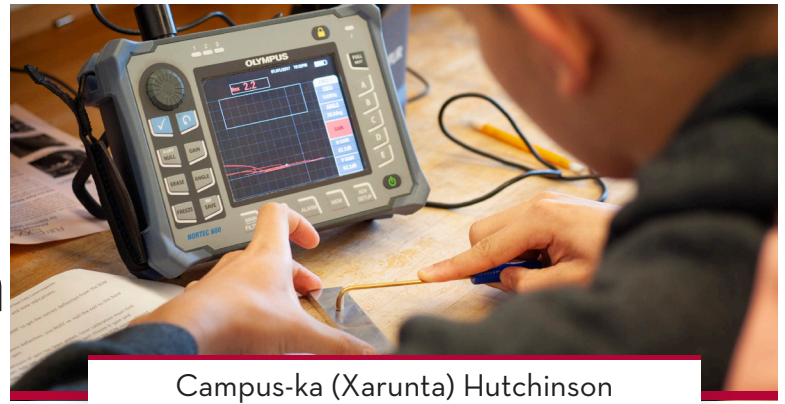


Tiknoolajiyada Baaritaanka aan Waxyeellada Lahayn

ridgewater.edu/NDT



Campus-ka (Xarunta) Hutchinson

Barnaamijka

Barnaamijka Tiknoolajiyada Baaritaanka aan Waxyeellada lahayn (Nondestructive Testing (NDT) ee Ridgewater College waa barnaamij wadanka oo dhan ay ka yaqaanaan loo shaqeeyayaashu tababarkeeda aragtida NDT, tijaabinta iyo hababka kormeerka

Baaritaanka aan waxyeellada lahayn (Nondestructive testing) waxaa lagu ogaadaa cilladaha gudaha ama dibedda ama iinaha; waxay go'aamisaa qaabdhismeedka, waxa uu ka samaysanyahay, iyo astaamaha; ama waxa uu cabbiraa astaamaha qaabka iyada oo usan saamaynaynin qaabka, ku habboonaanta ama shaqada.

Baro hababka ugu waaweyn ee baaritaanka aan waxyeellada lahayn, oo ay ku jiraan raajitada iyo shucaaca isotope (isotope radiography), sawirka uurka (ultrasound), danabka eddy-current, walxaha birlabta (magnetic particle), iyo dareeraha dhexgalaha ah.

Waa mid ka mid ah xarumaha tababarka ee ugu qalabaysan dalka.

Qalabka aad isticmaali doonto waxaa ka mid ah:

- Tuubooyinka raajitada
- Qalabka soo gudbinta Cobalt, Iridium, iyo Cesium isotope
- Qalabka raajitada uurka (ultrasonic), qaab caadi ah iyo qaabka heerarka isdabajoog ah (phased array)
- Qalabka danabka Eddy current
- Qalabka walxaha birlabta

Program Distinctions

- Gacanta ku qabashada shaqada iyada oo lagu shaqaynayo mid ka mid ah shaybaarada ugu qalabaysan
- 97-100% heerka ku meelaynta shaqada laga soo bilaabo 2010, oo shaqooyin wadanka oo dhan ah
- Iskaashiga warshadaha oo xoogan oo loogu talagalay fursadaha tababarka shaqo

Shaybaarada aad ku baran doonto waxaa ka mid ah:

- Qalabka rakiban ee dareeraha dhexgalaha ah
- Nidaamyada dhexgalaha ee warshadaha guud
- Hirbixiyaha kombuyuutarka ku shaqeeya (Computerized acoustic emission)
- Shucaaca raajitada dijitaalka ah (Digital radiograph DR)
- Waaxaha dabeecadda biraha iyo alxanka oo dhammaystiran

Macluumaadka Xirfadda

Qalinjabiye ahaan, waxaad heli doontaa xulasho ballaaran oo fursado shaqooyin mushahar fiican qaata oo dalka oo dhan ah xagga ilaalinta tayada iyo waaxaha hubinta tayada, cilmi baarista iyo horumarinta, iyo iibinta qalabka.

Mushaharka sanadlaha ah ee heerarka gelitaanka ee takhasuslayaasha NDT sanadkii 2015 waxay ahayd \$41,142. Saadaasha koritaanka shaqadu waa 5-9% 2016-2026.

Xigasho: careerwise.minnstate.edu

Shahaadooyinka

Baaritaanka aan Waxyeellada Lahayn
AAS Degree - 64 dhibcood
Dibloomada - 64 dhibcood

Ballan u samayso Booqasho & Codso Maanta!

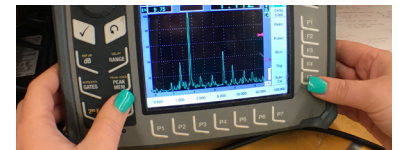
ridgewater.edu/visit
ridgewater.edu/applynow

Galay Kaalinta #1 ee Kulliyadaha Bulshada ee Minnesota iyo 20ka Ugu Sarreeya Maraykanka, 2020 & 2021 niche.com

Barnaamijyada La Xiriira

Nidaamka Tiknoolojiyada Iswada & Robodyada

Alxanka



RIDGEWATER
COLLEGE

Xubin katirsan Gobolka Minnesota

Ridgewater College waa tallaabo xaqiijin ah, shaqo bixiye iyo waxbare fursado loo simanyahay. Dukumi-intigaan waxa lagu heli karaa qaabab kale oo loogu talagalay shaqsiyaadka naafada ah; macaamiisha qaba naafonimada maqalka ama hadalka ayaa nagula soo xiriiri kara iyagoo adeegsanaya Adeegga Lalisks ee ay Doortaan. 3/2021 P300

Maajo 2021: Tarjumadan waxaa maalgelisay deeqda RC Perkins grant. Si aad u hesho macluumaadkii ugu dambeeyey ee barnaamijka, booqo ridgewater.edu oo ka dooro turjubaanka Luqadda ee af Soomaaliga.

Nondestructive Testing Technology

ridgewater.edu/NDT



Hutchinson Campus

About the Program

Ridgewater College's Nondestructive Testing (NDT) Technology program is nationally known by employers for its extensive training in NDT theory, testing and inspection methods.

Nondestructive testing detects internal or external imperfections or defects; determines structure, composition, and properties; or measures geometric characteristics without affecting the form, fit or function.

Learn the major nondestructive testing methods, including X-ray and isotope radiography, ultrasound, eddy-current, magnetic particle, and liquid penetrant. It is one of the country's most completely equipped training facilities.

Equipment you will use includes:

- X-ray tubes
- Cobalt, Iridium, and Cesium isotope exposure devices
- Ultrasonic instruments, conventional and phased array
- Eddy current instruments
- Magnetic particle units

Program Distinctions

- Recognized by the American Society for Nondestructive Testing (ASNT) as one of the best colleges in the U.S. for NDT training
- Hands-on applications in one of the best equipped labs
- 97-100% job placement rate since 2010, with nationwide jobs
- Classroom training hours exceed the ASNT's recommended practices
- Nationally known by employers for extensive training
- Strong industry partnerships for internship opportunities

Labs you will experience include:

- Stationary liquid penetrant units
- Common industry penetrant systems
- Computerized acoustic emission
- Digital radiography (DR)
- Complete metallurgical and welding departments

Career Info

As a graduate, you will have access to a wide selection of high-paying job opportunities across the country in quality control and quality assurance departments, research and development, and equipment sales.

Annual wages for entry level NDT specialists in 2015 were \$41,142. Job growth projections are 5-9% 2016-2026.

Source: careerwise.minnstate.edu

Degrees and Certificates

Nondestructive Testing
AAS Degree - 64 credits
Diploma - 64 credits

Schedule a Visit & Apply Today!

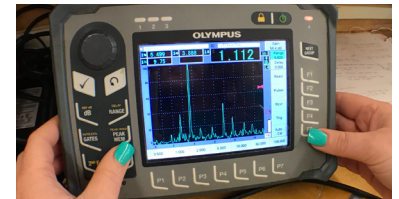
ridgewater.edu/visit
ridgewater.edu/applynow

Ranked Minnesota's #1 Community College and US Top 20, 2020 & 2021 *niche.com*

Related Programs

Automation and Robotic Systems Technology

Welding



RIDGEWATER
COLLEGE

A Member of Minnesota State

Ridgewater College is an affirmative action, equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities; consumers with hearing or speech disabilities may contact us via their preferred Telecommunications Relay Service.

3/2021 P300