INFORMATION TECHNOLOGY
61 credit Associate of Applied Science

THE PROGRAM

The Information Technology degree provides you with the business application and technical skills for entry-level positions in a variety of business settings. You will also have access to state-of-the-art equipment and facilities that prepare you for industry-required certification tests that are available on the Lake Region State College campus.

The Information Technology program at Lake Region State College prepares students for exciting, ever-changing job opportunities. IT is the driving force of business, education, entertainment, health care, and government. IT is all about combining the power of computing with the study of managerial know-how and social issues to effectively solve current problems.

A TRANSFER-FRIENDLY SYSTEM

Most universities across the country are considered "transfer-friendly", especially within the North Dakota University System (NDUS):

- AA degrees are commonly accepted in place of specific first and second year core requirements.
- GER - All first and second-year (100 & 200 level) general education requirements have common names and numbers throughout the NDUS.
- We want to eliminate the chance of confusion about course equivalence.

ADVISORS/TRiO & PowerSkills

Knowledgeable advisors will help you create a class schedule and choose electives to build strong foundations for upper division coursework and to meet transfer requirements.

TRiO & PowerSkills is **advising, tutoring, and proctoring resources for everyone**, as well as disability services.

CHOOSE YOUR PATH

If you want to enter a 4-year college or university after LRSC, you should do your research.

- Gather catalogs from your 4-year choice schools.
- You and your advisor can create a course plan.
- Work with your advisor to meet prerequisites with your electives for the AA or AS degree.
- Check with Student Services about transfer agreements LRSC has with your 4-year choice.
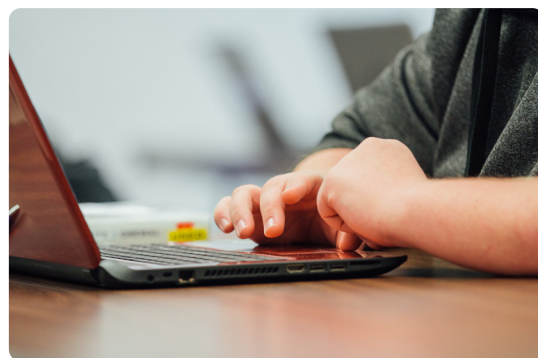
TIPS FOR STUDENT SUCCESS

1. SCHEDULE TIME WITH YOUR ADVISOR immediately after term schedules are published to choose courses for upcoming semesters. Your advisor will help you select courses that meet core requirements.

2. SAVE MONEY BY CARRYING A HEAVIER COURSE LOAD. Discuss with your advisor if a heavy course load works for you and your schedule. (Tuition & fees cap at 12 and 16, respectively. Other fees may apply and online courses are not included.)

3. SCHEDULE TIME WITH YOUR ADVISOR immediately after term schedules are published to choose courses for upcoming semesters.

CAREER OPTIONS

Information Technology graduates will be prepared for exciting jobs in computer programming, web development, computer support, cyber security, and more! This career is expected to grow 28% by 2026.

STUDENT FOCUSED

LRSC is among the best community colleges by BestColleges and CourseAdvisor 2022. Our students receive individualized support and have access to multiple support services to help achieve their academic goals.

SCHOLARSHIPS

LRSC provides a variety of scholarships funded by the LRSC Community College Foundation, which receives contributions from our alumni, faculty, staff, campus, community organizations, as well as businesses and corporations.

$67K
MEDIAN WAGE

12:1
STUDENT: FACULTY RATIO

540K
AVAILABLE IN SCHOLARSHIPS

ASSOCIATE OF APPLIED SCIENCE – FIRST YEAR (FALL)	CREDITS
CIS 128: Microcomputer Hardware I	3
CIS 141: Introduction to Cyber Security	3
CIS 164: Networking Fundamentals I	3
UNIV 101: Introduction to College Life	1
ENGL 110: College Composition I	3
General Ed: Art/Humanities/Social Science/History Electives	3
SPRING SEMESTER	
CIS 129: Microcomputer Hardware II	3
CSCI 101: Introduction to Computers	3
ENGL 120: College Composition II **OR** ENGL 125: Introduction to Professional Writing	3
Certificate (2 classes)	6
SECOND YEAR (FALL)	
CIS 215: Implementing a Microsoft Windows Server Environment	3
CSCI 122**: Beginning Basic/Visual Basic OR** CSCI 124: Beginning C++/Visual C++	3
General Ed: Math/Science/Computer Science	3
General Ed: HPER Elective	1
General Ed: Art/Humanities/Social Science/History Electives	3
Certificate (1 class)	3
SPRING SEMESTER	
CIS 202: Advanced Software	3
CIS 220: Operating Systems-Unix	3
CSCI 122**: Beginning Basic/Visual Basic OR** CSCI 124: Beginning C++/Visual C++	3
COMM 110: Fundamentals of Public Speaking	3
Certificate (1 class)	3
Elective	1
Total Credits	**minimum 60**

Computer Networking Certificate (Choose 12 credits)
CIS 165: Networking Fundamentals II
CIS 224: Networking I (fall)
CIS 243: Networking II (spring)
CIS 267: Intermediate Networking I (2nd fall)
CIS 268: Intermediate Networking II (2nd spring)

Cyber Security Certificate (Choose 12 credits)
CIS 142: Ethical Hacking Network Defense (spring)
CIS 147: Principles of Info. Security (spring)
CIS 241: Intro. to Digital Forensics (fall)
CIS 255: Computer & Network Security (spring)
CIS 284: Incidence Response/Disaster Recovery

Web Design Certificate (Choose 12 credits)
CIS 180: Creating Web Pages I (fall)
CIS 181: Creating Web Pages II (spring)
CIS 211: Website Plan & Design (fall)
CIS 232: Graphic Design (fall)
CIS 233: Vector Images/Web Animation (spring)

Each Certificate course is 3-credits.